
Genemed®

Advanced staining product catalogue

*IHC antibodies and
ancillary reagents*



continuous innovation for pathology



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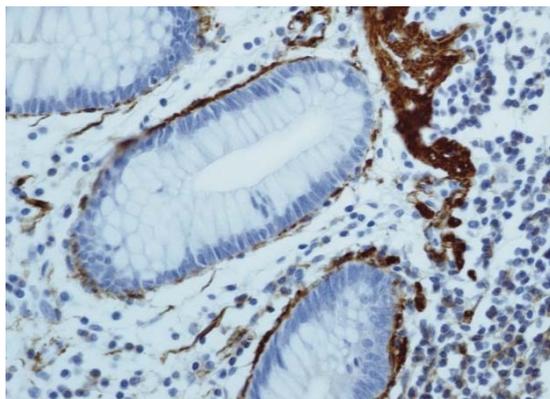
Primary antibodies

Actin

IVD

Genemed® anti-Actin

Clone: HHF35
Host, clonality: Mouse monoclonal
Tissue control: Appendix, colon
Staining pattern: Cytoplasmic
Product codes: 60-0002-7 7 ml RTU
61-0002 1 mL Concentrate



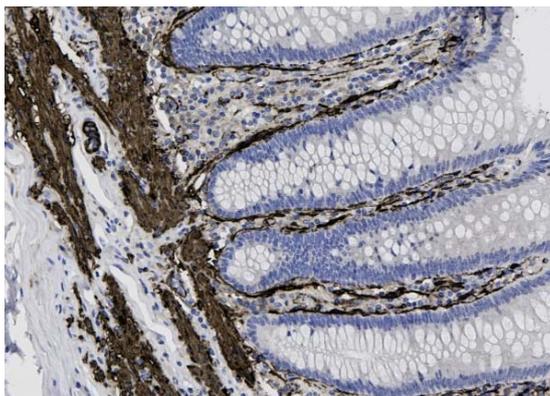
This antibody recognizes all muscular actin isotypes. It labels myoepithelial, smooth muscle, skeletal, cardiac muscle cells and leiomyomas. It has been reported to react with pericytes and reactive myofibroblasts. Positive staining cells have been reported in some sarcomas, representing either myofibroblasts or pericytes components. Using this antibody with other myogenic markers such as smooth muscle actin, desmin and vimentin will be very helpful for differentiation of tumor from muscle origin. Clone HHF35 has been demonstrated to be reliable marker for soft tissue tumors with muscle differentiation, i.e. leiomyomas, leiomyosarcomas, and rhabdomyosarcomas.

Alpha-Smooth Muscle Actin

IVD

Genemed® anti-ASMA

Clone: 1A4
Host, clonality: Mouse monoclonal
Tissue control: Appendix, liver
Staining pattern: Cytoplasmic
Product codes: 60-0001-7 7 ml RTU
61-0001 1 mL Concentrate



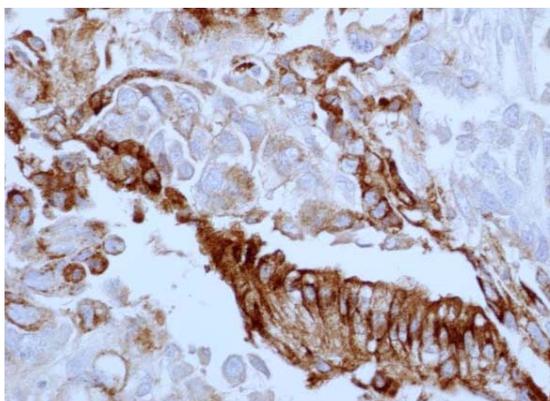
Using this antibody with other myogenic markers such as muscle actin, desmin and vimentin will be very helpful for differentiation of tumor from muscle origin. It is a useful marker for the identification for soft tissue tumors with muscle differentiation, i.e. leiomyomas and leiomyosarcomas. It is a useful marker for distinction benign proliferative lesions of the breast from neoplastic proliferations.

AFP

IVD

Genemed® anti-AFP

Clone: Polyclonal
Host, clonality: Rabbit polyclonal
Tissue control: Embryonal carcinoma / Fetal liver
Staining pattern: Cytoplasmic
Product codes: 60-0088-7 7 ml RTU



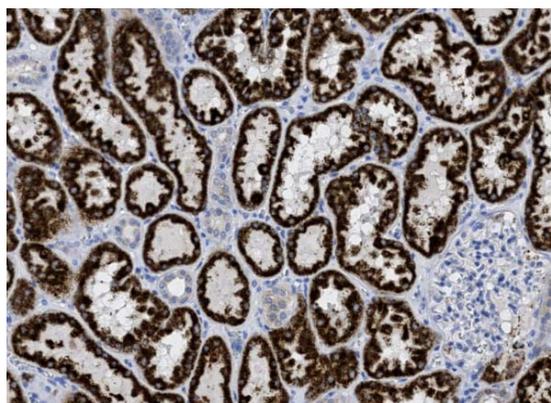
AFP is primarily used for identification of hepatocellular carcinomas and hepatoid tumors. Furthermore it can identify germ cell tumors of testis and ovary, such as yolk sac tumor and embryonal carcinoma.

AMACR

IVD

Genemed® anti-AMACR

Clone: 13H4
Host, clonality: Rabbit monoclonal
Tissue control: Kidney, Prostate adenocarcinoma
Staining pattern: Granular and cytoplasmic
Product codes: 60-0096-7 7 ml RTU
61-0096 1 mL Concentrate



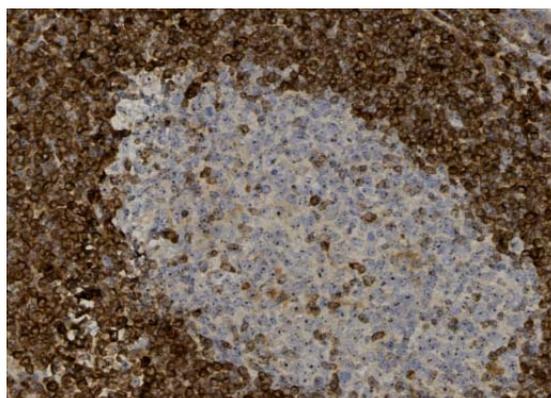
This antibody labels the AMACR protein in the cytoplasm of epithelia in both normal and neoplastic cells. AMACR is positive in cells of premalignant high-grade prostatic intraepithelial neoplasia and prostate adenocarcinoma, but is present at low or undetectable levels in glandular epithelial cells of normal prostate and benign hyperplasia. It is a useful tool for identifying prostate cancer when used with a panel of antibodies.

BCL2

IVD

Genemed® anti-BCL2

Clone: Bcl-2-100
Host, clonality: Mouse monoclonal
Tissue control: Tonsil
Staining pattern: Cytoplasmic
Product codes: 60-0005-7 7 mL RTU
61-0005 1 mL Concentrate



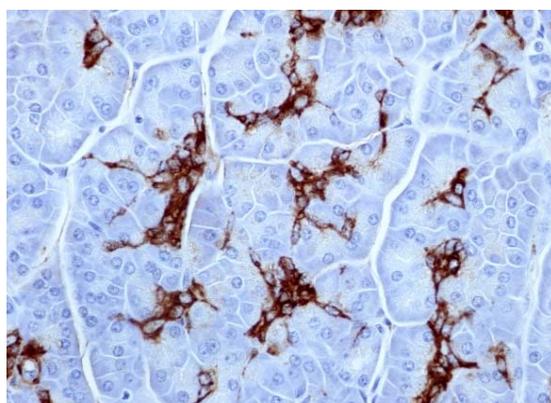
This antibody labels the BCL2 protein in the cytoplasm of B-cells in mantle zones, interfollicular T-cell areas, and a few cells in the germinal centers of lymphoid tissues and basal cells of epithelial tissues; it can stain both normal and neoplastic cells. It is a useful tool for identifying follicular lymphomas, diffuse large cell lymphomas, and differentiating follicular lymphomas from reactive lymph nodes when used with a panel of other antibodies.

CA19-9

IVD

Genemed® anti-CA19-9

Clone: SPan-1
Host, clonality: Mouse monoclonal
Tissue control: Pancreas
Staining pattern: Membranous/ Cytoplasmic
Product codes: 60-0142-7 7 mL RTU
61-0142 1 mL Concentrate



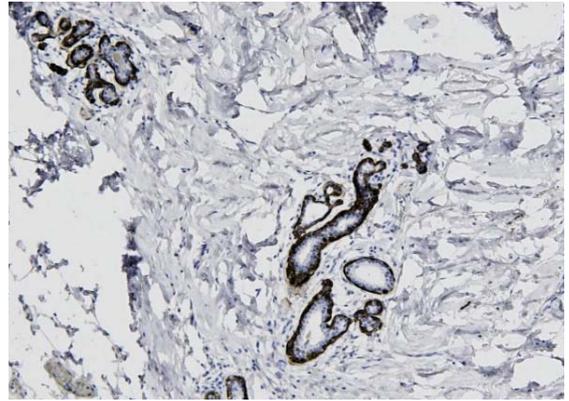
With a panel of primary antibodies, e.g. CK19, CK7, CK20, CA19-9 antibody can aid of differential diagnosis of adenocarcinomas.

Calponin

IVD

Genemed® anti-Calponin

Clone: CALP
Host, clonality: Mouse monoclonal
Tissue control: Gastrointestinal tract, normal breast
Staining pattern: Cytoplasmic
Product codes: 60-0105-7 7 mL RTU



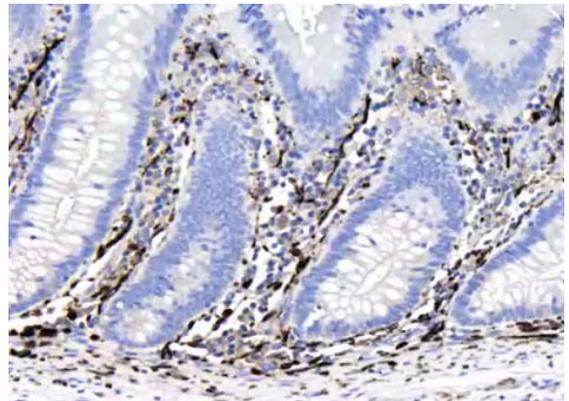
This antibody labels the calponin protein in the cytoplasm of vascular and visceral smooth muscle cells in both normal and neoplastic cells. It may be useful for differentiating benign sclerosing lesions of the breast from carcinoma when used with a panel of antibodies.

Calretinin

IVD

Genemed® anti-Calretinin

Clone: -
Host, clonality: Rabbit polyclonal
Tissue control: Adrenal gland, appendix
Staining pattern: Cytoplasm, nucleus
Product codes: 60-0006-7 7 mL RTU
61-0006 1 mL Concentrate



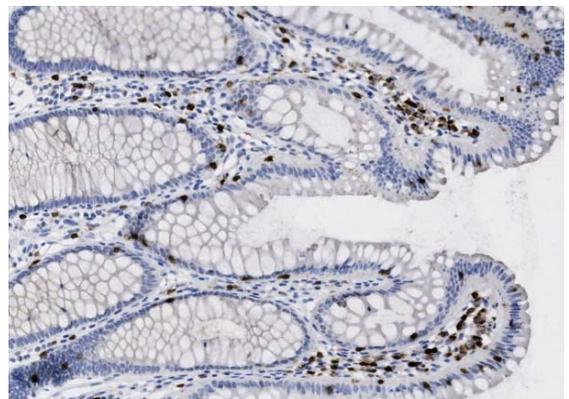
Calretinin is a useful marker for the identification of malignant mesothelioma of the epithelial type and for the differentiation of the malignancies from metastases of lung adenocarcinoma. Differential diagnosis is aided by the results from a panel of antibodies.

CD3

IVD

Genemed® anti-CD3

Clone: -
Host, clonality: Rabbit polyclonal
Tissue control: Tonsil
Staining pattern: Membrane
Product codes: 60-0011-7 7 mL RTU
61-0011 1 mL Concentrate



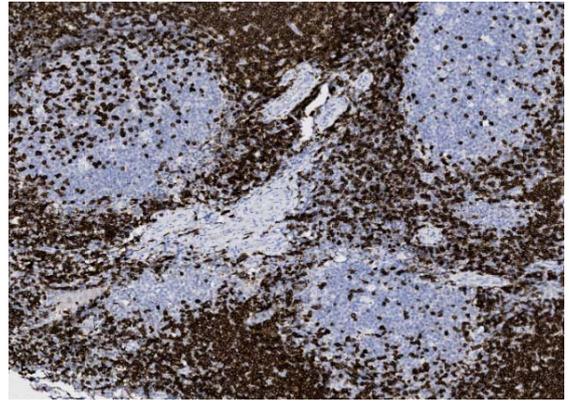
This antibody labels the CD3 protein in the cell membrane of normal and neoplastic T-cells. CD3 is expressed in the majority of T-cell neoplasms and is often not expressed in non T-cell lymphoid malignancies. It is useful for classifying T-cell neoplasms when used with a panel of other antibodies. It may also be used to highlight T-cell populations within a variety of tissues.

CD5

IVD

Genemed® anti-CD5

Clone: GR020
Host, clonality: Rabbit monoclonal
Tissue control: Tonsil
Staining pattern: Membrane and some cytoplasmic
Product codes: 60-0183-7 7 mL RTU
61-0183 1 mL Concentrate



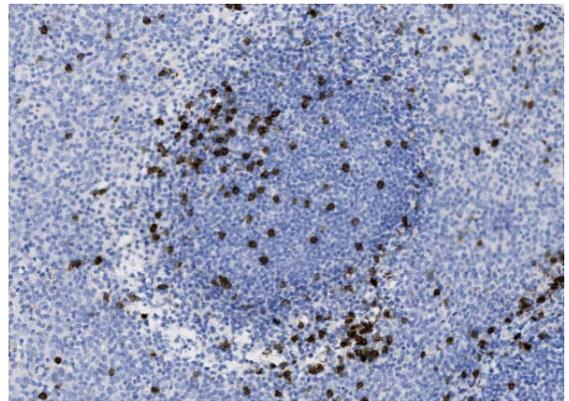
This antibody labels the CD5 protein on the membrane of T-cells and subsets of B-cells found in the follicular mantle zones, bone marrow, and peripheral blood. It is useful for classifying and characterizing T-cell and B-cell neoplasms when used within a panel with other antibodies.

CD8

IVD

Genemed® anti-CD8

Clone: C8/144B
Host, clonality: Mouse monoclonal
Tissue control: Tonsil
Staining pattern: Mainly membrane
Product codes: 60-0124-7 7 mL RTU



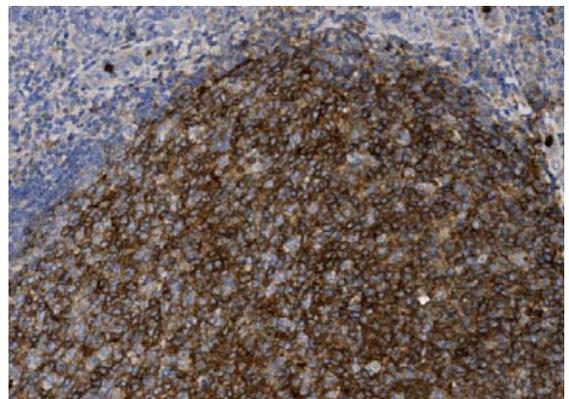
This antibody labels the CD8 protein on the membrane of T-cells in both normal and neoplastic cells. It is a useful tool for classifying T-cell neoplasms and differentiating between cytotoxic and helper T-cells when used with a panel of antibodies.

CD10

IVD

Genemed® anti-CD10

Clone: GM003
Host, clonality: Mouse monoclonal
Tissue control: Tonsil
Staining pattern: Membrane and cytoplasmic
Product codes: 60-0008-7 7 mL RTU
61-0008 1 mL Concentrate



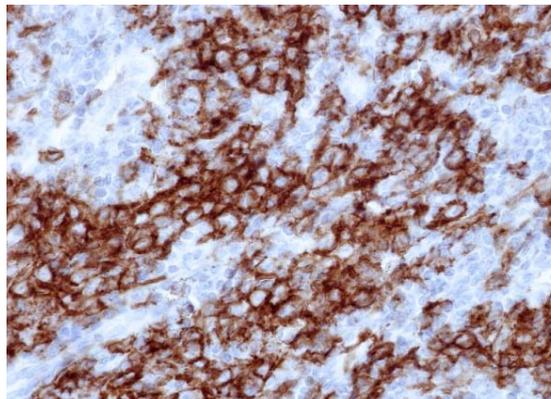
This antibody labels the CD10 protein on the membrane and cytoplasm of early lymphoid progenitors, small subset of immature B-cells, proliferating B-cells, mature neutrophils and on various non-lymphoid cells in both normal and neoplastic cells. It is a useful tool for classifying Burkitt's lymphoma, some follicular lymphoma, and renal cell carcinoma when used with a panel of antibodies.

CD19

IVD

Genemed® anti-CD19

Clone:	GR014
Host, clonality:	Rabbit monoclonal
Tissue control:	Tonsil/ appendix
Staining pattern:	Membrane
Product codes:	60-0164-7 7 mL RTU
	61-0164 1 mL concentrate



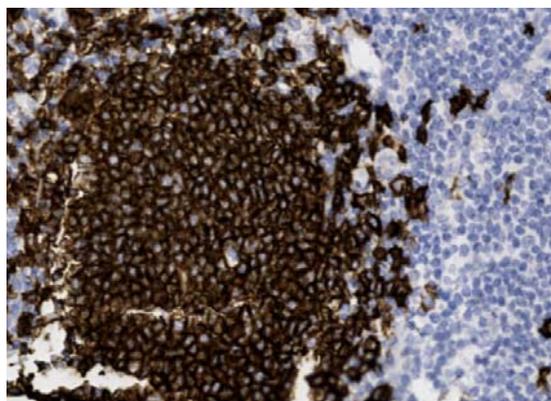
CD19 is useful in identification of B-cell lineage of majority of B-cell neoplasms but appears to be less useful in sub-classifying of B-cell neoplasms in histological material. It appears to be potentially useful additional marker of follicular dendritic cell tumours. Similarly to CD20 it may also serve as a potential target for antibody-based immunotherapy.

CD20

IVD

Genemed® anti-CD20

Clone:	L26
Host, clonality:	Mouse monoclonal
Tissue control:	Tonsil, appendix
Staining pattern:	Membrane
Product codes:	60-0010-7 7 mL RTU
	61-0010 1 mL Concentrate



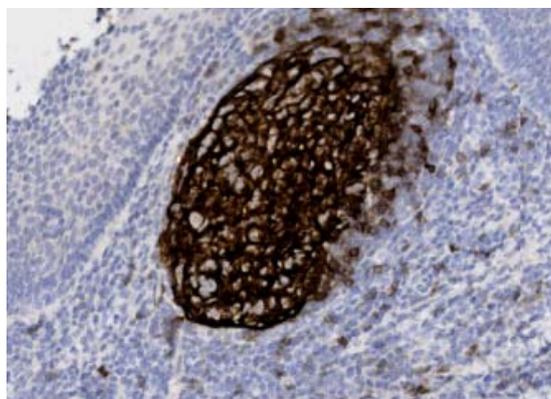
This antibody labels the CD20 protein on the membrane of B-cell precursors and B cells in both normal and neoplastic cells. It is a useful tool for classifying tumor cells of B-lymphocytic lineage when used with a panel of antibodies.

CD23

IVD

Genemed® anti-CD23

Clone:	GR013
Host, clonality:	Rabbit monoclonal
Tissue control:	Tonsil
Staining pattern:	Membrane, some cytoplasmic
Product codes:	60-0162-7 7 mL RTU
	61-0162 1 mL Concentrate



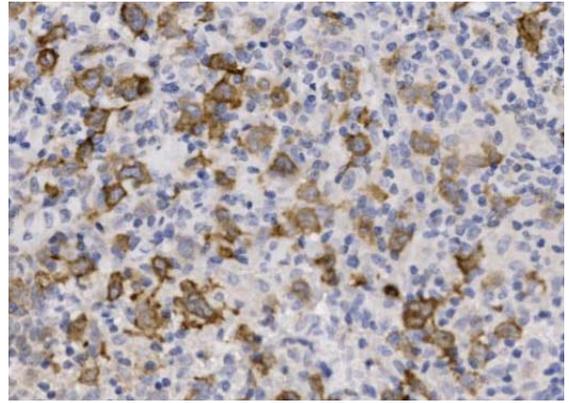
Positive staining of neoplastic cells is observed in some B-cell lymphomas, whereas mantle cell lymphomas are generally negative with this antibody. It is a useful tool for identifying/classifying a range of leukemias and lymphomas when used with a panel of antibodies.

CD30

IVD

Genemed® anti-CD30

Clone: Ber-H2
Host, clonality: Mouse monoclonal
Tissue control: Tonsil
Staining pattern: Membrane and cytoplasmic
Product codes: 60-0007-7 7 mL RTU
61-0007 1 mL Concentrate



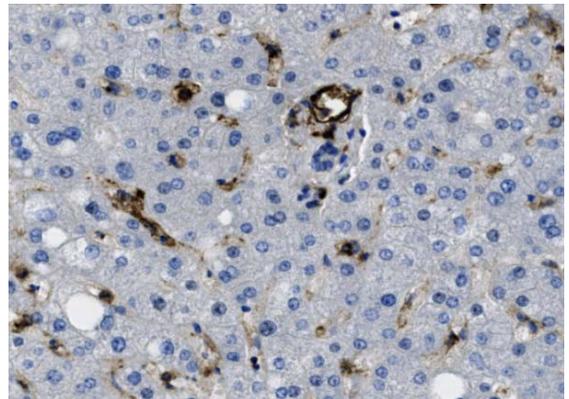
This antibody labels CD30 protein on the membrane and cytoplasm of scattered large activated B- and T-lymphocytes of tonsil, lymph nodes, spleen, and thymus in both normal and neoplastic cells. The antibody labels CD30 protein in normal and neoplastic cells, such as Hodgkin and Reed-Sternberg cells and anaplastic large-cell lymphoma cells (ALCL). CD30 positive staining may aid in identifying of classical Hodgkin lymphoma and ALCL when used with a panel of antibodies.

CD31

IVD

Genemed® anti-CD31

Clone: GM006
Host, clonality: Mouse monoclonal
Tissue control: Tonsil, liver
Staining pattern: Mainly membrane, some cytoplasmic
Product codes: 60-00072-7 7 mL RTU
61-0072 1 mL Concentrate



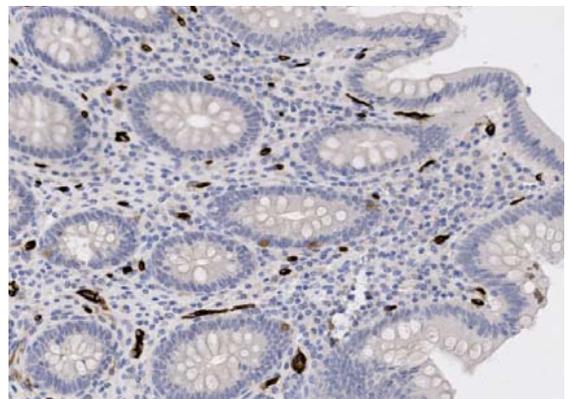
This antibody labels the CD31 protein on the membrane, and sometimes cytoplasm, of endothelial cells in both normal and neoplastic cells. It is a useful tool for identifying vascular disorder, e.g. angiosarcoma, and evaluating vascularization of tumors when used with a panel of antibodies.

CD34

IVD

Genemed® anti-CD34

Clone: QBEnd/10
Host, clonality: Mouse monoclonal
Tissue control: Liver, Appendix
Staining pattern: Membrane
Product codes: 60-0012-7 7 mL RTU
61-0012 1 mL Concentrate



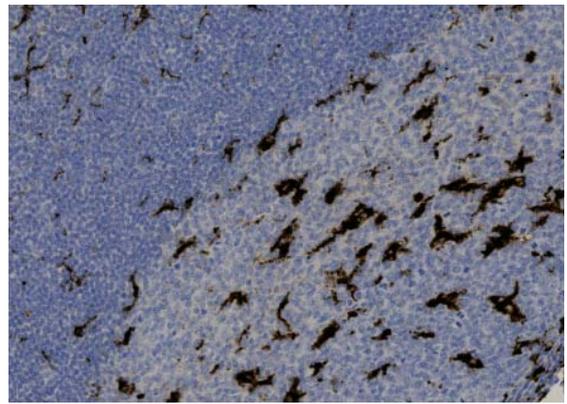
This antibody labels the CD34 protein on the membrane of hematopoietic progenitor cells, capillary endothelial cells, rare glial cells in nervous tissues, and embryonic fibroblasts in both normal and neoplastic cells. It is a useful tool for classifying vascular and lymphatic tumors, and for sub-classifying leukemia when used with a panel of antibodies.

CD68

IVD

Genemed® anti-CD68

Clone: R021
Host, clonality: Rabbit monoclonal
Tissue control: Tonsil, brain
Staining pattern: Cytoplasmic
Product codes: 60-0184-7 7 mL RTU
61-0184 1 mL Concentrate



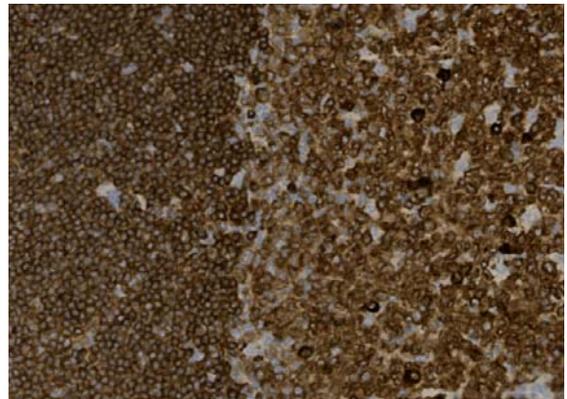
This antibody labels CD68 protein on the cytoplasm of different types of macrophages of monocyte lineage, myeloid precursor cells in the bone marrow, and some non-hematopoietic tissues such as Kupffer cells in liver, and cells in renal glomeruli and tubules. It is a useful tool for classifying neoplasms of myeloid and macrophage/monocyte origin when used with a panel of antibodies.

CD79a

IVD

Genemed® anti-CD79a

Clone: GR019
Host, clonality: Rabbit monoclonal
Tissue control: Tonsil, colon
Staining pattern: Membrane, cytoplasmic
Product codes: 60-0182-7 7 mL RTU
61-0182 1 mL Concentrate



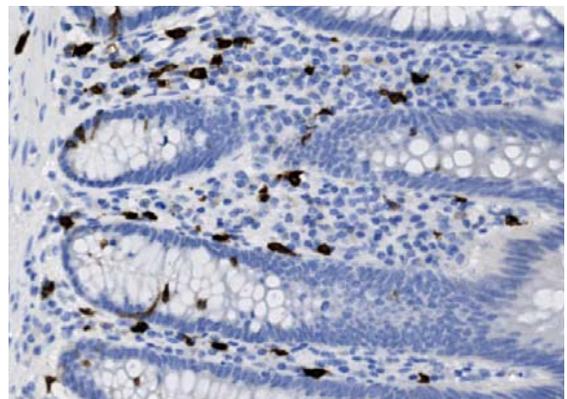
This antibody labels the CD79a protein on the membrane and cytoplasm of select B-cells and T-lymphoblast in normal and neoplastic cells. It is a useful tool for classifying B-cell neoplasms and Hodgkin disease when used with a panel of antibodies.

CD117

IVD

Genemed® anti-CD117

Clone: -
Host, clonality: Rabbit polyclonal
Tissue control: Appendix
Staining pattern: Membrane, cytoplasmic
Product codes: 60-0020-7 7 mL RTU
61-0020 1 mL Concentrate



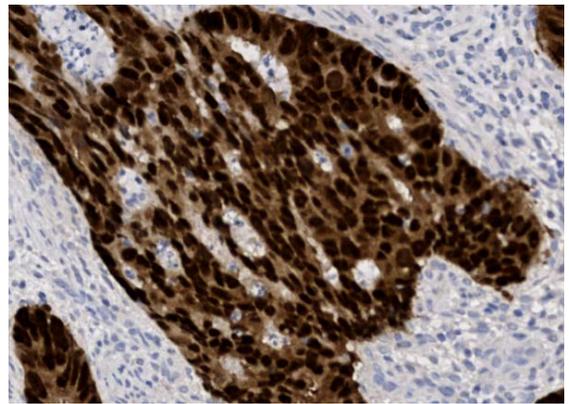
In the gastrointestinal organs such as appendix and colon, a strong membrane and cytoplasmic staining of Cajal cells in the muscularis propria is observed. Membrane and cytoplasmic staining of CD117 (c-kit) is also observed in the neoplastic cells of GIST. It is a useful tool for differentiating between gastrointestinal stromal tumors (GIST) and other intra-abdominal mesenchymal tumors when used with a panel of antibodies.

CDX2

IVD

Genemed® anti-CDX2

Clone: GR023
Host, clonality: Rabbit monoclonal
Tissue control: Pancreas
Staining pattern: Nuclear
Product codes: 60-0186-7 7 mL RTU
61-0186 1 mL Concentrate



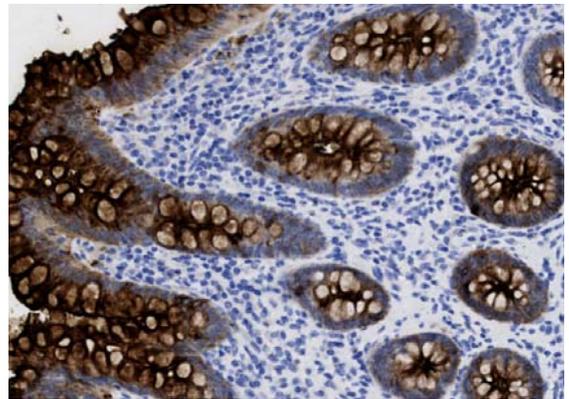
This antibody labels the CDX2 protein in epithelial cells from the duodenum to rectum, including pancreas and biliary tract; it stains both normal and neoplastic cells. It is a useful tool for identifying and classifying adenocarcinoma and neuroendocrine tumor of the gastrointestinal tract when used with a panel of other antibodies.

CEA (Carcinoembryonic antigen)

IVD

Genemed® anti-CEA

Clone: COL-1
Host, clonality: Mouse monoclonal
Tissue control: Appendix, liver
Staining pattern: Membrane, cytoplasmic
Product codes: 60-0014-7 7 mL RTU
61-0014 1 mL Concentrate



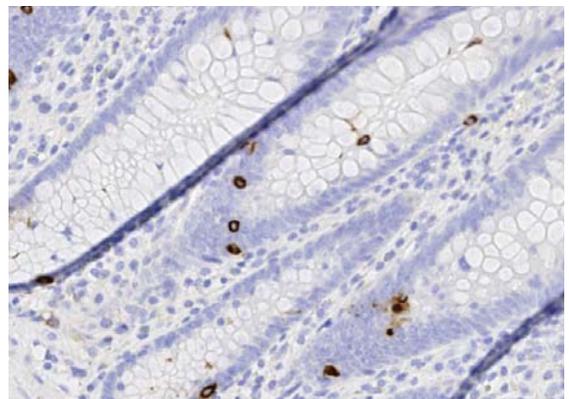
This antibody labels the CEA protein on the membrane and cytoplasm of colon and a variety of other normal tissues in both normal and neoplastic cells. It is a useful tool for classifying adenocarcinomas, especially in the gastrointestinal track including colon and pancreatic adenocarcinomas. It is also a useful tool for classifying secretory meningioma and medullary carcinomas of the thyroid when used with a panel of antibodies.

Chromogranin A

IVD

Genemed® anti-Chromogranin A

Clone: -
Host, clonality: Rabbit polyclonal
Tissue control: Appendix
Staining pattern: Cytoplasmic
Product codes: 60-0015-7 7 mL RTU
61-0015 1 mL Concentrate



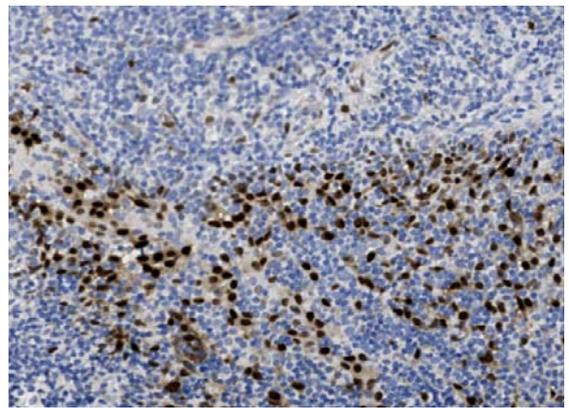
This antibody labels the chromogranin A protein in the cytoplasm of neuroendocrine cells in both normal and neoplastic cells. Moderate to strong granular cytoplasmic staining of neuroendocrine cells within the epithelial surface is observed in gastrointestinal organs; granular cytoplasmic staining is also seen in axons and perikarya of neurons and ganglion cells in the submucosa, whereas epithelial cells and muscle cells are negative. This anti-chromogranin A antibody may be useful in the identification of neuroendocrine tumors when used with a panel of antibodies.

Cyclin D1

IVD

Genemed® anti-Cyclin D1 / bcl-1

Clone: AM29
Host, clonality: Mouse monoclonal
Tissue control: Tonsil
Staining pattern: Nuclear
Product codes: 60-0021-7 7 mL RTU
61-0021 1 mL Concentrate



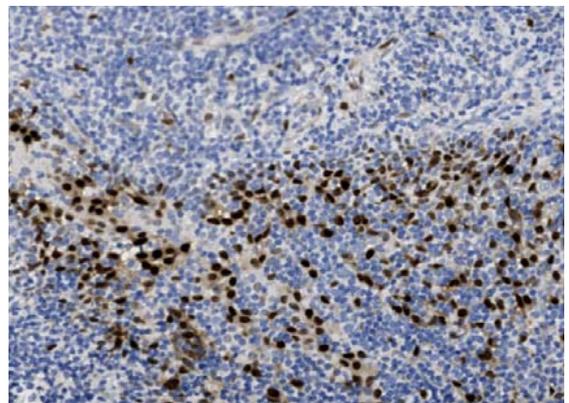
This antibody labels the Cyclin D1 protein in both normal and neoplastic cells. It is a useful tool for classifying mantle cell lymphomas and breast carcinoma when used with a panel of antibodies.

Cyclin D1

IVD

Genemed® anti-Cyclin D1 / bcl-1

Clone: GR005
Host, clonality: Rabbit monoclonal
Tissue control: Tonsil
Staining pattern: Nuclear
Product codes: 60-0090-7 7 mL RTU
61-0090 1 mL Concentrate



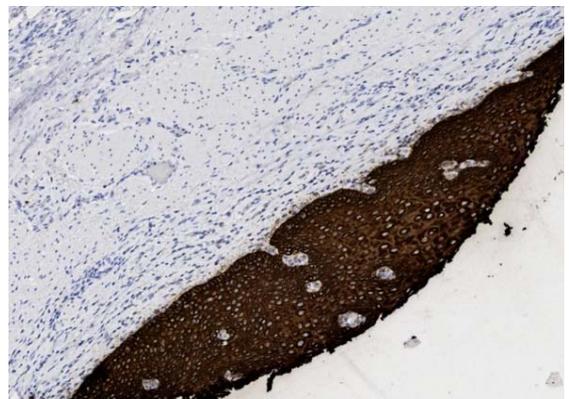
This antibody labels the Cyclin D1 protein in both normal and neoplastic cells. It is a useful tool for classifying mantle cell lymphomas and breast carcinoma when used with a panel of antibodies.

Cytokeratin 5/6

IVD

Genemed® anti-Cytokeratin 5/6

Clone: D5/16B4
Host, clonality: Mouse monoclonal
Tissue control: Esophagus, liver
Staining pattern: Cytoplasmic
Product codes: 60-0016-7 7 mL RTU



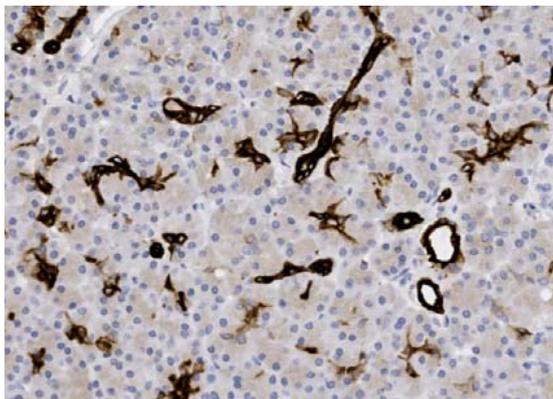
CK5/6 is useful for classifying squamous cell carcinoma, distinguishing malignant mesothelioma from lung adenocarcinoma, and determining breast and prostate malignancies when used with a panel of other antibodies.

Cytokeratin 7

IVD

Genemed® anti-Cytokeratin 7

Clone: OV-TL 12/30
Host, clonality: Mouse monoclonal
Tissue control: Pancreas
Staining pattern: Cytoplasmic
Product codes: 60-0019-7 7 mL RTU
61-0019 1 mL Concentrate



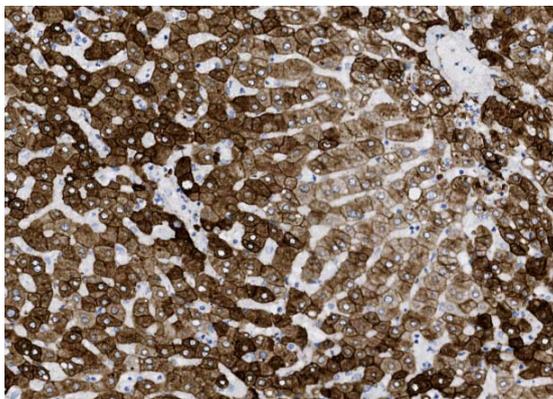
This antibody labels the cytokeratin 7 (CK7) protein in the cytoplasm of most ductal, glandular, and transitional in both normal and neoplastic cells. It is a useful tool for classifying adenocarcinomas of lung, breast, endometrium, thyroid gland, ovary, and chromophobe renal cell carcinomas when CK7 is positive and when it is used with a panel of antibodies. It is a useful tool for classifying colonic and prostate lineage tumors when CK7 is negative and when it is used with a panel of antibodies.

Cytokeratin 18

IVD

Genemed® anti-Cytokeratin 18

Clone: DC10
Host, clonality: Mouse monoclonal
Tissue control: Liver
Staining pattern: Cytoplasmic and membranous
Product codes: 60-0017-7 7 mL RTU
61-0017 1 mL Concentrate



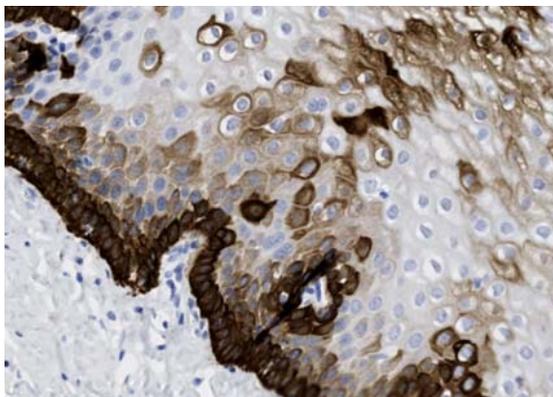
This antibody labels the cytokeratin 18 (CK18) protein. It reacts with a wide variety of neoplastic tissues such as gastrointestinal tract, lung, and breast tumors. It does not react with tumor cells of nonepithelial origin such as glioma, melanoma and osteosarcoma. It also does not react with stratified squamous epithelium on most squamous cell carcinomas.

Cytokeratin 19

IVD

Genemed® anti-Cytokeratin 19

Clone: A53-B/A2.26
Host, clonality: Mouse monoclonal
Tissue control: Esophagus
Staining pattern: Cytoplasmic
Product codes: 60-0163-7 7 mL RTU



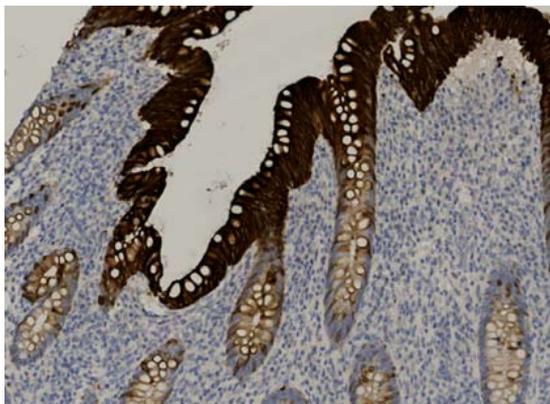
This antibody labels the Cytokeratin 19 (CK19) protein in the cytoplasm of a variety of epithelium (colon, stomach, pancreas, biliary tract, liver and breast) in both normal and neoplastic cells. It is a useful tool for determining thyroid carcinoma of papillary type although it is positive in 50-60% of follicular carcinoma when used with a panel of antibodies.

Cytokeratin 20

IVD

Genemed® anti-Cytokeratin 20

Clone:	Ks20.8	
Host, clonality:	Mouse monoclonal	
Tissue control:	Appendix, liver	
Staining pattern:	Cytoplasmic	
Product codes:	60-0018-7	7 mL RTU
	61-0018	1 mL Concentrate



This antibody labels the Cytokeratin 20 (CK20) protein in the cytoplasm of mature enterocytes and goblet cells of the gastric and intestinal mucosa in both normal and neoplastic cells. Most colon adenocarcinomas, mucinous ovarian tumors, transitional cell and Merkel-cell carcinomas, gastric adenocarcinomas, bile system, and pancreas are CK20 positive. Most squamous cell carcinomas and adenocarcinomas from breast, endometrium, lung, and prostate may be CK20 negative, as well as non-mucinous tumors of the ovary and small-cell lung carcinomas.

Cytokeratin HMW (CK5)

IVD

Genemed® anti-Cytokeratin HMW (CK5)

Clone:	GM028	
Host, clonality:	Mouse monoclonal	
Tissue control:	Esophagus	
Staining pattern:	Cytoplasmic	
Product codes:	60-0174-7	7 mL RTU
	61-0174	1 mL Concentrate



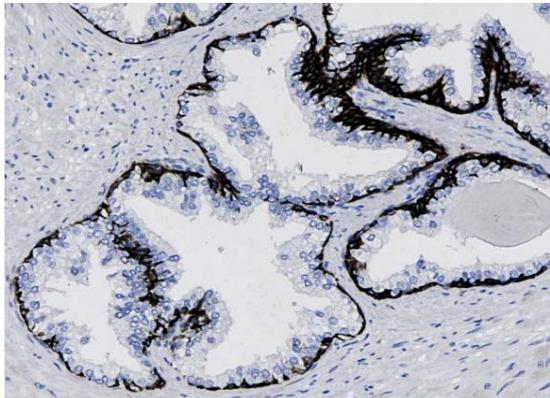
This antibody labels the cytokeratin HMW (CK5) protein in both normal and neoplastic cells. Cytoplasmic staining is observed with stratified squamous epithelia, and with basal cells of complex epithelia. Simple epithelia and nonepithelial cells are negative. It is a useful tool for classifying squamous cell carcinoma, distinguishing malignant mesothelioma from lung adenocarcinoma, and determining breast and prostate malignancies when used with a panel of antibodies.

Cytokeratin HMW (34βE12)

IVD

Genemed® anti- Cytokeratin HMW (34βE12)

Clone:	34βE12	
Host, clonality:	Mouse monoclonal	
Tissue control:	Prostate, tonsil, esophagus	
Staining pattern:	Cytoplasmic	
Product codes:	60-0025-7	7 mL RTU
	61-0025	1 mL Concentrate



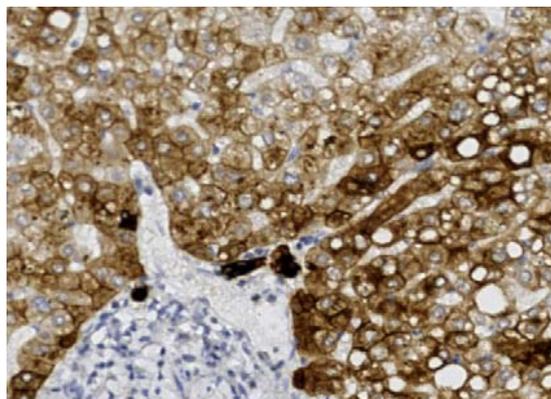
CK HMW clone 34bE12 is useful for differentiating benign prostate gland from prostate adenocarcinoma when used with a panel of antibodies. mAb clone 34BE12 can be used for the demonstration of CK-HMW in the basal cells prostate specimens, but due to cross-reaction to CK-LMW in e.g. breast epithelial cells/breast carcinoma it cannot be recommended as a general marker for CK-HMW.

Cytokeratin Pan

IVD

Genemed® anti-Cytokeratin Pan

Clone: AE1/AE3
Host, clonality: Antibody cocktail
Tissue control: Liver, esophagus
Staining pattern: Cytoplasmic
Product codes: 60-0022-07 7 mL RTU
61-0022 1 mL Concentrate



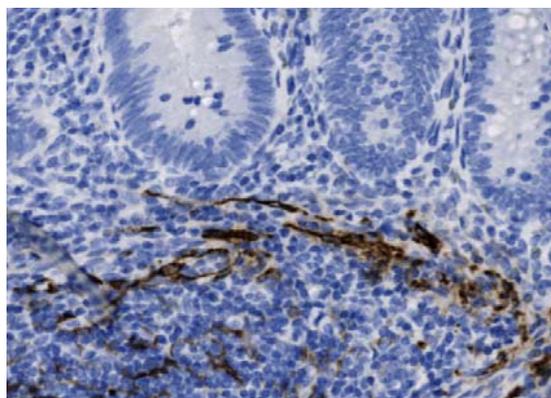
This antibody cocktail labels cytoke­ratin proteins in the cytoplasm of normal and neoplastic cells. It is a useful tool for classifying tumors of epithelial origin and undifferentiated carcinomas when used with a panel of antibodies.

Desmin

IVD

Tissue-Tek Genie® anti-Desmin

Clone: GM007
Host, clonality: Mouse monoclonal
Tissue control: Appendix
Staining pattern: Cytoplasmic
Product codes: 60-0077-7 1 mL RTU
61-0077 1 mL Concentrate



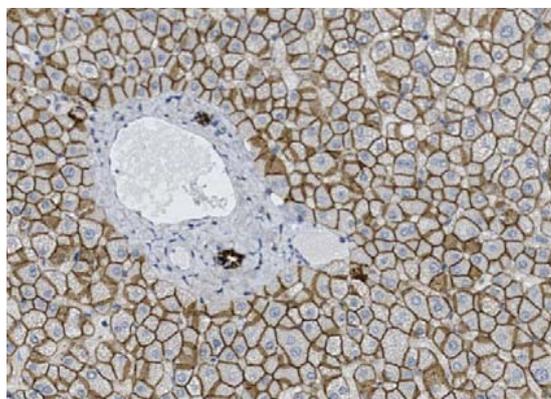
This antibody labels the Desmin protein in both normal and neoplastic cells. It is a useful tool for subtyping undifferentiated and pleomorphic tumors when used with a panel of antibodies.

E-cadherin

IVD

Genemed® anti-E-cadherin

Clone: GM016
Host, clonality: Mouse monoclonal
Tissue control: Colon, liver
Staining pattern: Membranous
Product codes: 60-0028-7 7 mL RTU
61-0028 1 mL Concentrate



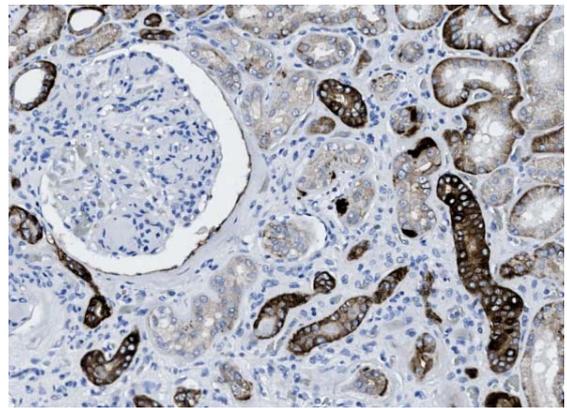
Detection of E-Cadherin expression is useful in distinguishing adenocarcinoma from mesothelioma, the differentiation of ductal from lobular breast cancer.

Epithelial Cell Adhesion Molecule

IVD

Tissue-Tek Genie® anti-Epithelial Cell AdhesionMolecule (EpCAM)

Clone: VU-1D9
Host, clonality: Mouse monoclonal
Tissue control: Kidney, tonsil
Staining pattern: Membrane, cytoplasmic
Product codes: 60-0190-7 7 mL RTU
61-0190 1 mL Concentrate



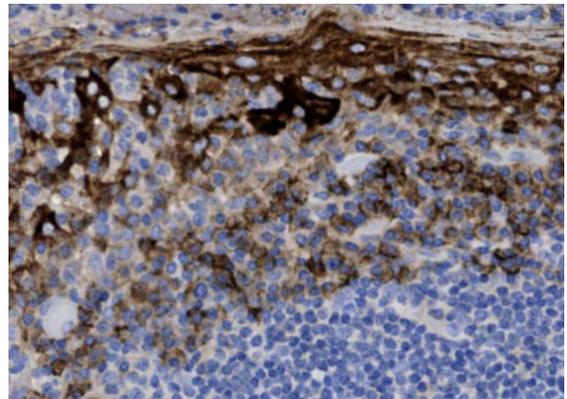
This antibody labels the Epithelial Cell Adhesion Molecule (EpCAM) protein on the membrane and cytoplasm of epithelial cells in both normal and neoplastic cells. It is a useful tool for differentiating adenocarcinoma from malignant mesothelioma when used with a panel of antibodies.

Epithelial Membrane Antigen

IVD

Genemed® anti-Epithelial Membrane Antigen

Clone: GM008
Host, clonality: Mouse monoclonal
Tissue control: Tonsil
Staining pattern: Membrane, cytoplasmic
Product codes: 60-0030-7 7 mL RTU



This antibody labels the Epithelial Membrane Antigen (EMA) protein on the membrane and cytoplasm of the apical surface of secretory glandular epithelial cells in both normal and neoplastic cells. It is a useful tool for identifying adenocarcinomas derived from secretory epithelia such as metastases of breast carcinoma. It is also a useful tool for identifying malignant mesothelioma, renal cell carcinomas, and meningiomas when used with a panel of antibodies.

Estrogen Receptor

IVD

Genemed® anti-Estrogen Receptor

Clone: EP1
Host, clonality: Rabbit monoclonal
Tissue control: Uterine cervix, tonsil
Staining pattern: Nuclear
Product codes: 60-0157-7 7 mL RTU
61-0157 1 mL Concentrate



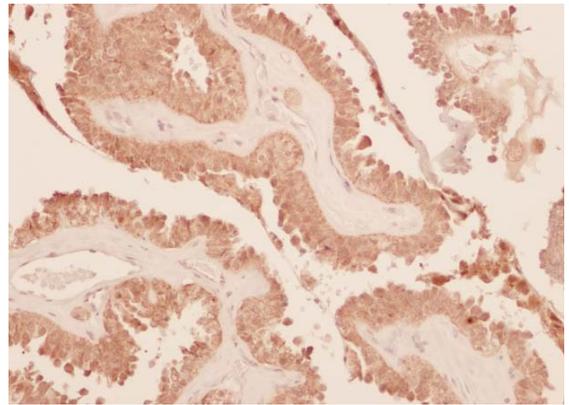
Screening for ER positive cells is used to look for the hormone receptor status in breast carcinoma, and to distinguish between metastatic carcinoma of the breast versus other organs.

Galectin-3

IVD

Genemed® anti-Galectin-3

Clone: 9C4
Host, clonality: Mouse monoclonal
Tissue control: Papillary or Follicular Carcinoma of Thyroid
Staining pattern: Cytoplasmic
Product codes: 60-0133-7 7 mL RTU



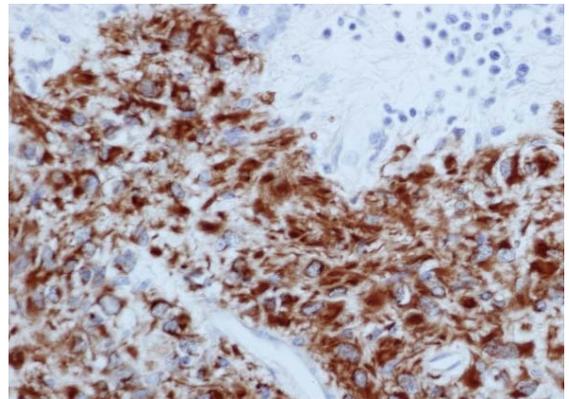
Galectin-3 antibody is a useful tool in differentiating between benign and malignant thyroid neoplasms. It is also a useful tool in identifying anaplastic large cell lymphoma.

GFAP

IVD

Genemed® anti-GFAP

Clone: -
Host, clonality: Rabbit Polyclonal
Tissue control: Brain
Staining pattern: Cytoplasmic
Product codes: 60-0032-7 7 mL RTU
61-0032 1 mL Concentrate



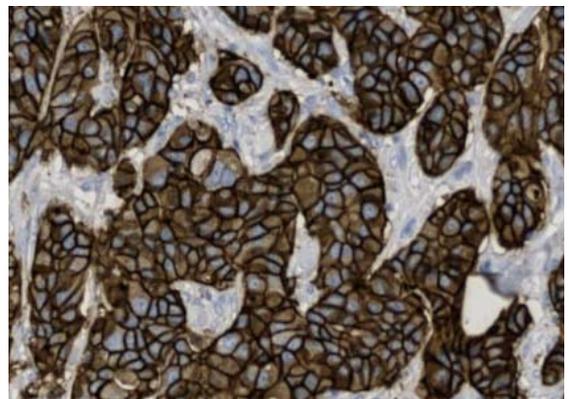
The antibody labels GFAP and is a useful tool for the identification of astrocytes in the CNS under normal and pathological conditions. In stomach, G-cells show a moderate to strong cytoplasmic staining, whereas epithelial cells are negative. Cytoplasmic staining is observed in neoplastic cells of gastrin-secreting neuroendocrine tumors. This antibody may be useful in the identification of gastric neuroendocrine tumors, when used with a panel of antibodies.

HER2

IVD

Genemed® anti-HER2

Clone: GR011
Host, clonality: Rabbit monoclonal
Tissue control: Breast ca. tissue. Inclusion of 2+ tumours with and without HER-2 gene amplification is essential to evaluate precision and performance stability of the IHC HER-2 assay.
Staining pattern: Membrane
Product codes: 60-0154-7 7 mL RTU
61-0154 1 mL Concentrate



Overexpression of HER2 in breast carcinoma is associated with poor prognosis. HER2 breast cancers tend to grow faster and are more likely to spread and come back. HER2 positive patients do benefit from specific treatment though.

Human Chorionic Gonadotropin

IVD

Genemed® anti-HCG

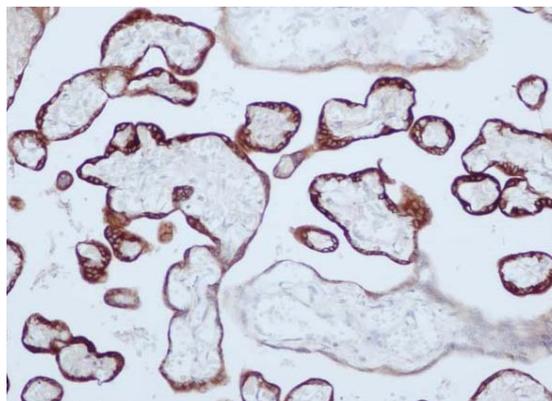
Clone:

Host, clonality: Rabbit Polyclonal

Tissue control: Germ cell tumor, chorionic carcinoma

Staining pattern: Cytoplasmic

Product codes: 60-0125-7 7 mL RTU
61-0125 1 mL Concentrate



The antibody labels hCG containing cells and may be used for the demonstration of trophoblastic elements, e.g. in germ cell tumors. The antibody cross-reacts with human luteinizing hormone (LH). This cross-reaction will not cause misinterpretation for IHC use.

Kappa Light Chain

IVD

Genemed® anti- Human Kappa Light Chain

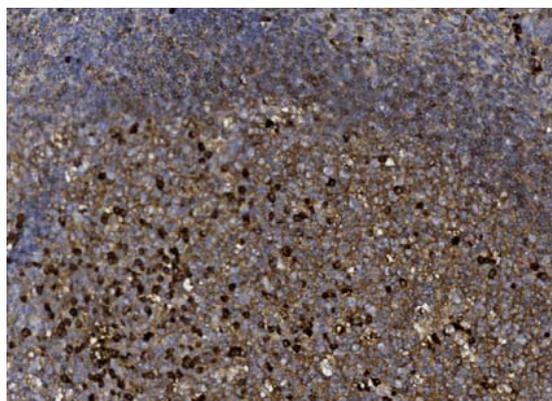
Clone: -

Host, clonality: Rabbit polyclonal

Tissue control: Tonsil

Staining pattern: Membranous/ Cytoplasmic

Product codes: 60-0085-7 7 mL RTU
61-0085 1 mL Concentrate



Anti-Kappa Light Chain antibody is useful for classifying B-cell lymphomas and myelomas when used with a panel of antibodies.

Lambda Light Chain

IVD

Genemed® anti- Human Lambda Light Chain

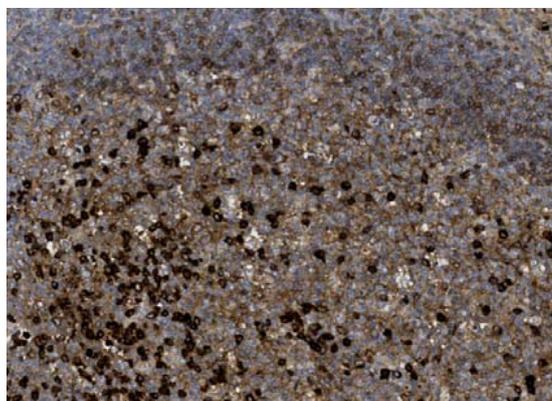
Clone: -

Host, clonality: Rabbit polyclonal

Tissue control: Tonsil

Staining pattern: Membranous/ Cytoplasmic

Product codes: 60-0086-7 7 mL RTU
61-0086 1 mL Concentrate



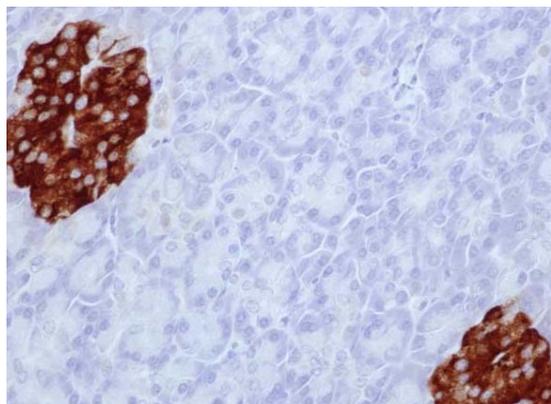
Anti-Lambda Light Chain antibody is useful for classifying B-cell lymphomas and myelomas when used with a panel of antibodies.

Insulin

IVD

Genemed® anti-Insulin

Clone: 2D11-H5
Host, clonality: Mouse monoclonal
Tissue control: Pancreas
Staining pattern: Cytoplasmic
Product codes: 60-0039-7 7 mL RTU
61-0039 1 mL Concentrate



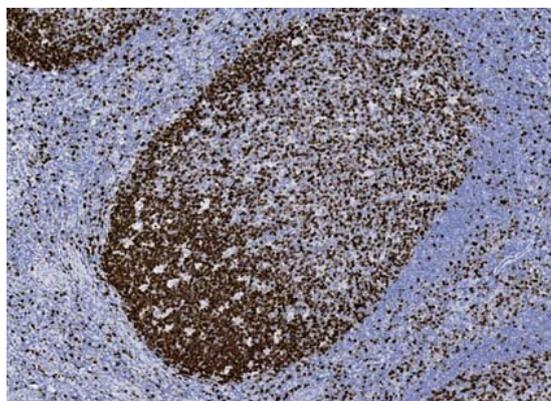
This antibody may be useful for identification of beta cells in normal pancreas and in tumors of beta cell origin, such as insulinoma, and distinguish that from other endocrine tumors of the pancreas.

Ki67

IVD

Genemed® anti-Ki67

Clone: GM010
Host, clonality: Mouse monoclonal
Tissue control: Tonsil
Staining pattern: Nuclear
Product codes: 60-0078-7 7 mL RTU
61-0078 1 mL Concentrate



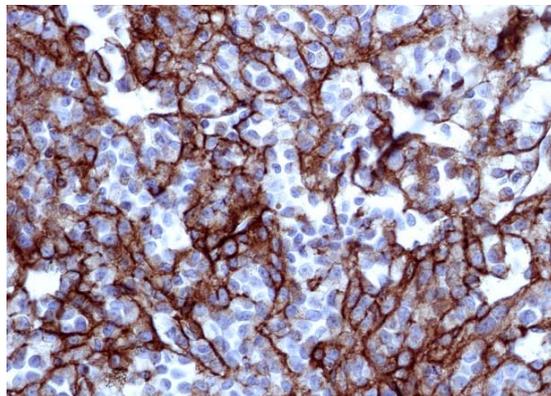
This antibody labels the Ki67 protein in the nucleus in both normal and neoplastic cells. It is a useful tool for assessing proliferative activity of various tumors when used with a panel of antibodies.

Laminin

IVD

Genemed® anti-Laminin

Clone: -
Host, clonality: Rabbit polyclonal
Tissue control: Tonsil
Staining pattern: Membranous
Product codes: 60-0113-7 7 mL RTU



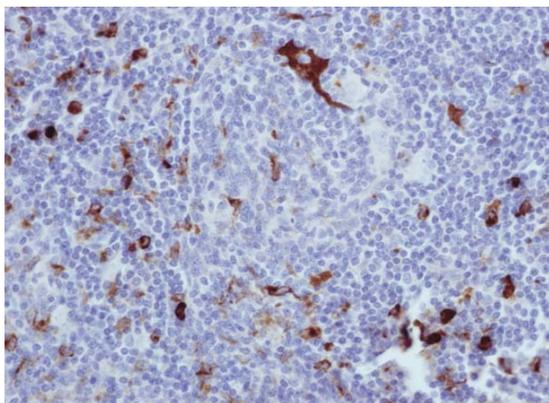
This antibody labels laminin, which is present in the basement membrane. The antibody may be useful in the characterization of basement membrane preservation, e.g. in breast cancer and adenocarcinomas of the lung. Laminins have been found to promote cell adhesion, migration, protease activity, proliferation, tumour growth, angiogenesis and metastasis.

Lysozyme (Muramidase)

IVD

Genemed® anti-Lysozyme (Muramidase)

Clone: -
Host, clonality: Rabbit polyclonal
Tissue control: Tonsil
Staining pattern: Cytoplasmic
Product codes: 60-0118-7 7 mL RTU
61-0118 1 mL Concentrate



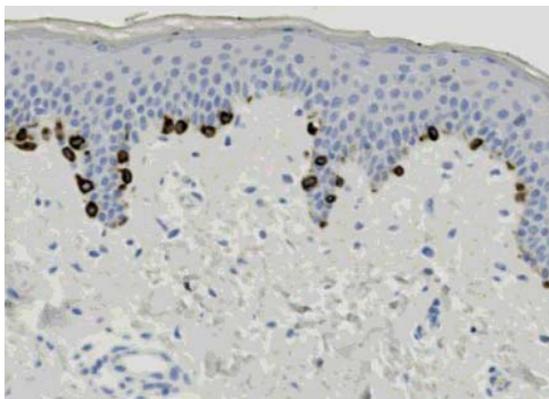
Anti-Lysozyme is an important marker that may demonstrate the myeloid or monocytic nature of acute leukemia. It may aid in the identification of histiocytic neoplasias and classifying lymphoproliferative disorders.

Melan A

IVD

Genemed® anti-Melan A / MART1

Clone: A103
Host, clonality: Mouse monoclonal
Tissue control: Normal skin, kidney
Staining pattern: Cytoplasmic
Product codes: 60-0092-7 7 mL RTU



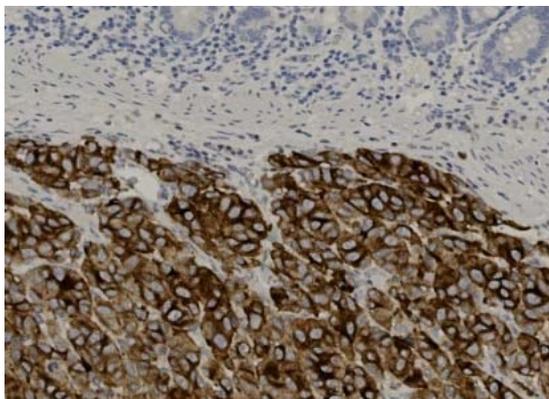
This antibody labels the melan A protein in the cytoplasm of skin, melanocytes and steroid producing cells in both normal and neoplastic cells. It is a useful tool for identifying melanomas when used with a panel of antibodies.

Melanosome

IVD

Genemed® anti-Melanosome

Clone: HMB45
Host, clonality: Mouse monoclonal
Tissue control: Blue nevus or angiomyolipoma, kidney or appendix
Staining pattern: Cytoplasmic
Product codes: 60-0042-7 7 mL RTU
61-0042 1 mL Concentrate



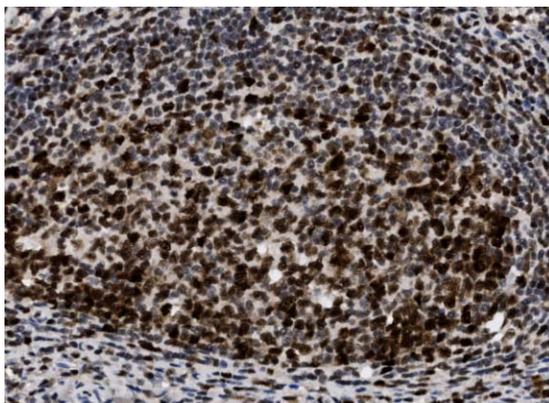
This antibody labels the melanosome protein in the cytoplasm melanocytes in both normal and neoplastic cells. It is a useful tool for classifying melanomas and melanocytic lesions and differentiating metastatic melanomas from other poorly differentiated tumors when used with a panel of antibodies.

MLH1

IVD

Genemed® anti-MLH1

Clone: GM011
Host, clonality: Mouse monoclonal
Tissue control: Tonsil
Staining pattern: Nuclear
Product codes: 60-0079-7 7 mL RTU
61-0079 1 mL Concentrate



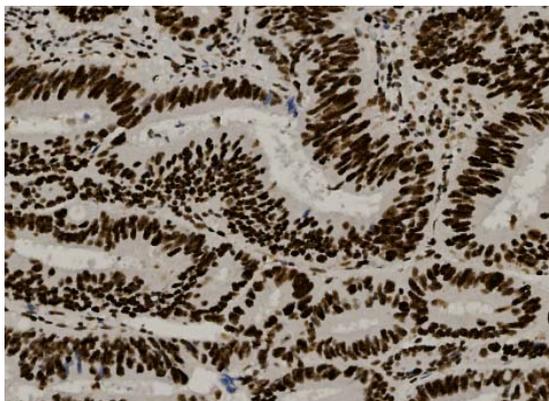
This antibody labels the MLH1 (MutL protein homolog 1) protein in the nucleus of normal proliferating cells in both normal and neoplastic tissues and does not stain colon adenocarcinoma with complete loss of MLH1 expression. MLH1 is a useful tool for classifying tumors of the gastrointestinal tract, including associated extra colonic cancers such as endometrial and prostate cancers, when used with a panel of antibodies.

MSH6

IVD

Genemed® anti-MSH6

Clone: GM024
Host, clonality: Mouse monoclonal
Tissue control: Tonsil
Staining pattern: Nuclear
Product codes: 60-0158-7 7 mL RTU
61-0158 1 mL Concentrate



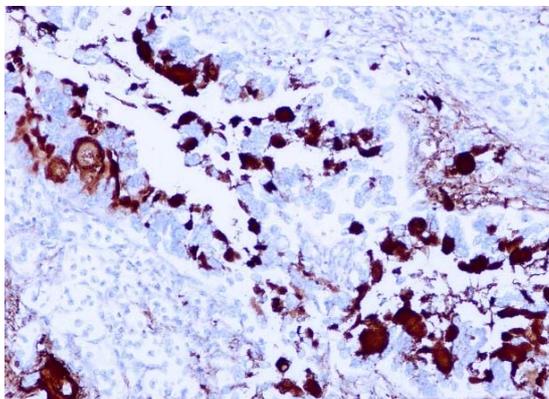
This antibody labels the MSH6 (MutS homolog 6) protein in the nucleus of proliferating cells in both normal and neoplastic cells and does not label colon adenocarcinoma with complete loss of MSH6 expression. MSH6 is a useful tool for classifying tumors of the gastrointestinal tract, including associated extra colonic cancers such as endometrial and prostate cancers, when used with a panel of antibodies.

MUC5AC

IVD

Genemed® anti-MUC5AC

Clone: Nd-2
Host, clonality: Mouse monoclonal
Tissue control: Stomach
Staining pattern: Cytoplasm and perinuclear
Product codes: 60-0160-7 7 mL RTU
61-0160 1 mL Concentrate



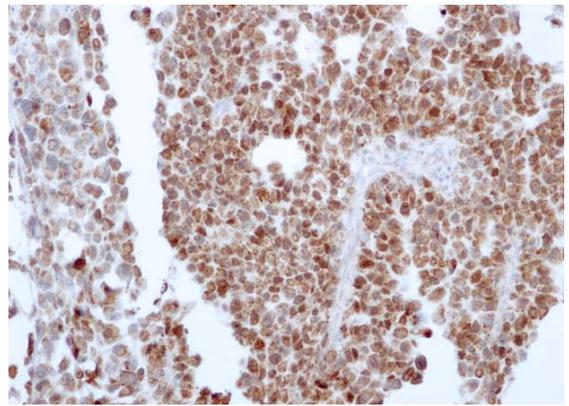
MUC5AC is not expressed in normal pancreas but is expressed by most pancreatic ductal adenocarcinomas. MUC5AC is expressed also by endocervical adenocarcinomas and a variable number of tumors of the gastrointestinal tract. Together with a panel of antibodies, antibodies to MUC5AC may be useful for identification of pancreatic carcinoma and pre-cancerous changes and differentiation of intestinal metaplasia.

MyoD1

IVD

Genemed® anti-MyoD1

Clone: 5.8A
Host, clonality: Mouse monoclonal
Tissue control: Rhabdomyosarcoma
Staining pattern: Nuclear
Product codes: 60-0107-7 7 mL RTU



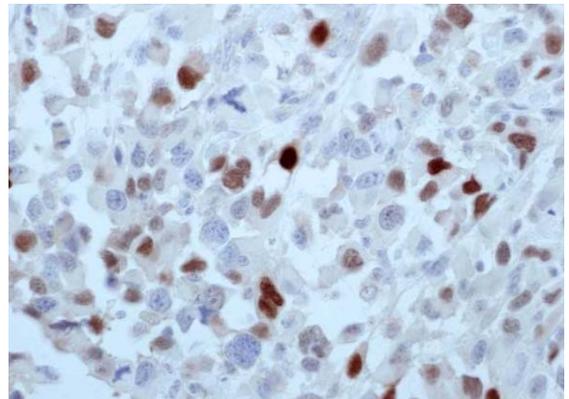
The antibody labels the nuclei of myoblasts in developing skeletal muscle tissue, and the majority of rhabdomyosarcomas of various histological subtypes.

Myogenin

IVD

Genemed® anti-Myogenin

Clone: F5D
Host, clonality: Mouse monoclonal
Tissue control: Rhabdomyosarcoma
Staining pattern: Nuclear
Product codes: 60-0149-7 7 mL RTU



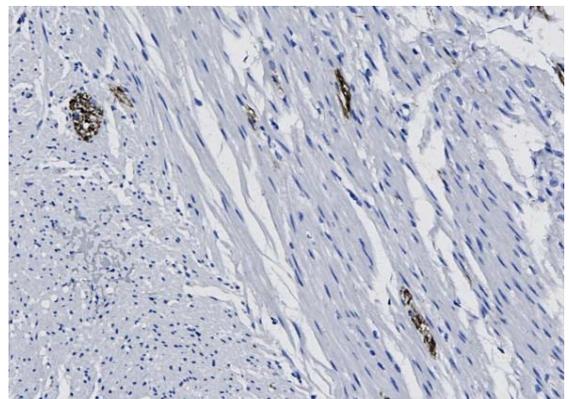
The Anti-Myogenin antibody labels the nuclei of myoblasts in developing muscle tissue, and is expressed in tumor cell nuclei of rhabdomyosarcoma and some leiomyosarcomas. Positive nuclear staining may present in Wilm's tumor.

Neurofilament

IVD

Genemed® anti-Neurofilament

Clone: 2F11
Host, clonality: Mouse monoclonal
Tissue control: Appendix, brain
Staining pattern: Cytoplasmic
Product codes: 60-0048-7 7 mL RTU
61-0048 1 mL Concentrate



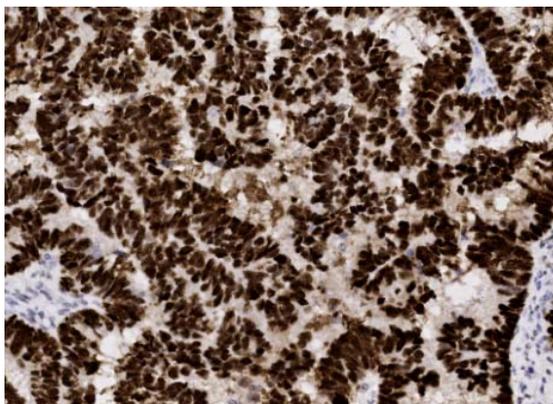
This antibody is a useful tool for the identification of tumors with neuronal differentiation and Hirschsprung's disease.

p53

IVD

Genemed® anti-p53

Clone: BP53.12
Host, clonality: Mouse monoclonal
Tissue control: Tonsil, colon
Staining pattern: Nuclear
Product codes: 60-0050-7 7 mL RTU
61-0050 1 mL Concentrate



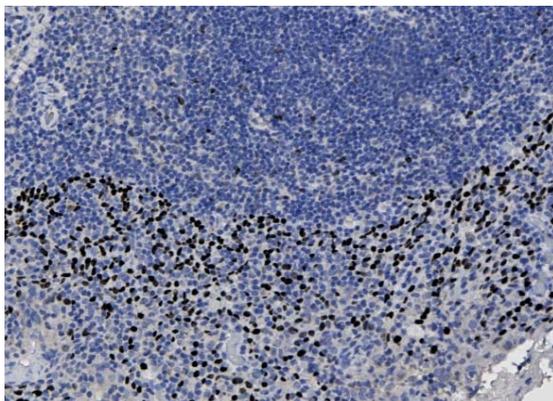
This antibody labels the p53 protein in the nucleus in neoplastic cells. It is a useful tool for classifying tumors of all cell lineages when used with a panel of antibodies.

p63

IVD

Genemed® anti-p63

Clone: 4B1E12
Host, clonality: Mouse monoclonal
Tissue control: Tonsil, placenta and prostate
Staining pattern: Nuclear
Product codes: 60-0074-7 7 mL RTU



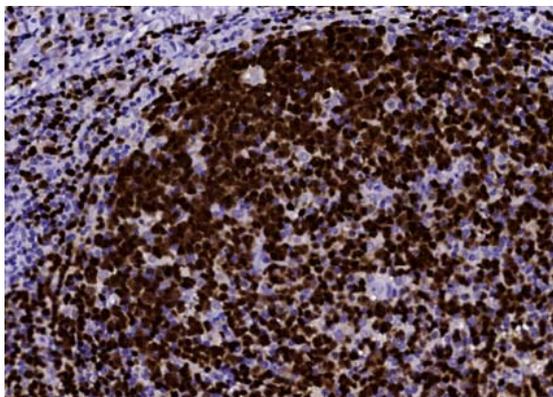
Anti-p63 antibody is a useful tool for differentiating squamous, urothelial, and myoepithelial neoplasms, when used with a panel of antibodies.

PAX5

IVD

Genemed® anti-PAX5

Clone: GR024
Host, clonality: Rabbit monoclonal
Tissue control: Tonsil, colon
Staining pattern: Nuclear
Product codes: 60-0093-7 7 mL RTU
61-0093 1 mL Concentrate



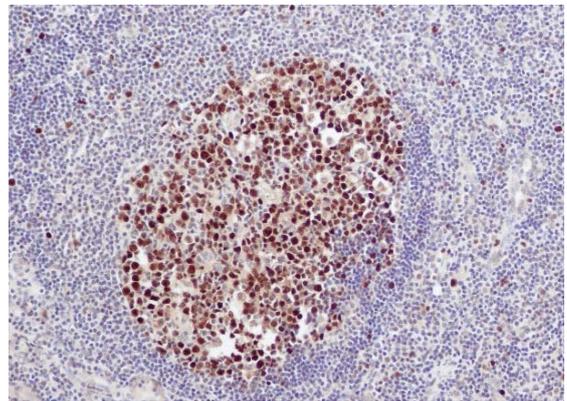
PAX5 is useful for subtyping lymphomas and lymphatic leukemia in a panel of antibodies. PAX5 is expressed in B-cell non-Hodgkin's lymphoma (B-NHL), Hodgkin's lymphoma (HL) and neuroendocrine tumors.

PCNA

IVD

Genemed® anti-PCNA

Clone: PC10
Host, clonality: Mouse monoclonal
Tissue control: Tonsil
Staining pattern: Nuclear
Product codes: 60-0054-7 7 mL RTU
61-0054 1 mL Concentrate



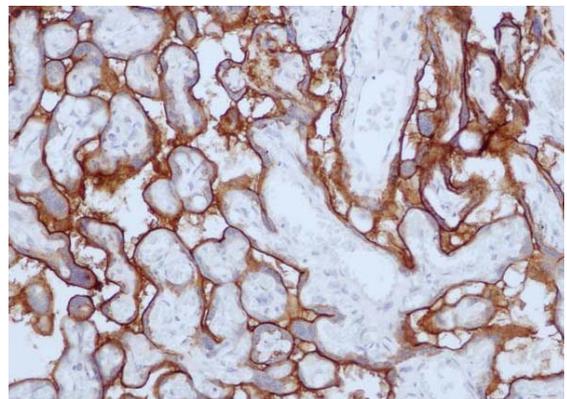
Expression of proliferating cell nuclear antigen (PCNA) or cyclin or polymerase delta auxiliary protein is elevated in the nucleus during late G1 phase immediately before the onset of DNA synthesis, becoming maximal during S-phase and declining during G2 and M phases. PCNA/cyclin may act as an auxiliary protein of DNA polymerase-delta to play a fundamental role in the initiation of cell proliferation.

PLAP

IVD

Genemed® anti-PLAP

Clone: GM022
Host, clonality: Mouse monoclonal
Tissue control: Placenta
Staining pattern: Cytoplasmic, membranous
Product codes: 60-0139-7 7 mL RTU
61-0139 1 mL Concentrate



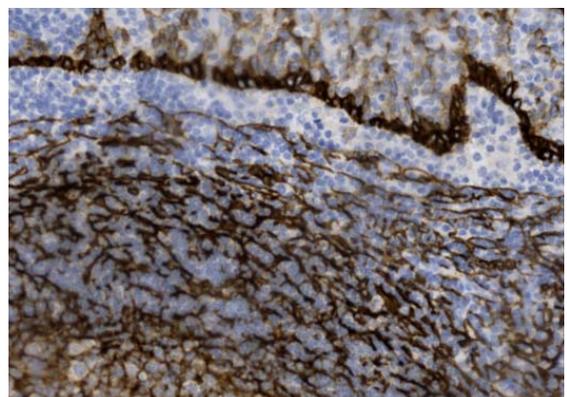
Anti-PLAP antibody is a useful tool for the identification of germ cell tumors (e.g. seminomas) and for the identification desmoplastic small round cell tumors (a soft tissue sarcoma). PLAP is a highly sensitive marker for the majority of embryonal carcinomas, and endodermal sinus tumors of the testis. Differential identification is aided by the results from a panel of antibodies. This Mouse anti-PLAP antibody may be used along with EMA and Pan-Cytokeratin (AE1/AE3) to distinguish germ cell tumors from somatic tumors.

Podoplanin

IVD

Genemed® anti- Podoplanin

Clone: D2-40
Host, clonality: Mouse monoclonal
Tissue control: Tonsil, appendix
Staining pattern: Cytoplasmic
Product codes: 60-0100-7 7 mL RTU



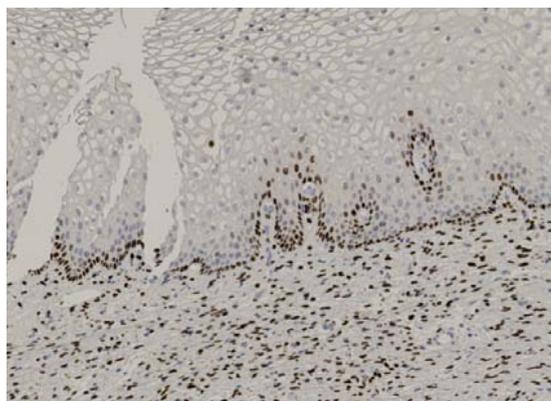
Podoplanin is useful for differentiating between malignant mesotheliomas and adenocarcinomas, identifying seminomas, and visualizing lymphatic vessels and lymphatic invasion of primary tumors when used with a panel of antibodies.

Progesterone

IVD

Genemed® anti- Progesterone

Clone: Y85
Host, clonality: Rabbit monoclonal
Tissue control: Uterine cervix
Staining pattern: Nuclear
Product codes: 60-0056-7 7 mL RTU
60-0056 1 mL Concentrate



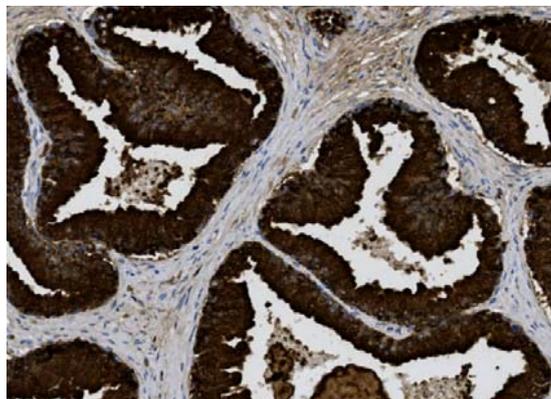
Anti-PR antibody is a useful tool for assessing PR status in human breast carcinomas.

PSA

RUO

Genemed® anti- PSA

Clone: -
Host, clonality: Rabbit polyclonal
Tissue control: Prostate hyperplasia, appendix
Staining pattern: Cytoplasmic
Product codes: 60-0058-7 7 mL RTU
60-0058 1 mL Concentrate



PSA is a useful tool for identification of adenocarcinoma of the prostate in metastatic sites and for differentiating prostate adenocarcinoma from urothelial carcinoma.

PsAP

IVD

Genemed® anti- PsAP

Clone: PASE/4LJ
Host, clonality: Mouse monoclonal
Tissue control: Prostate
Staining pattern: Cytoplasmic
Product codes: 60-0104-7 7 mL RTU
61-0104 1 mL Concentrate



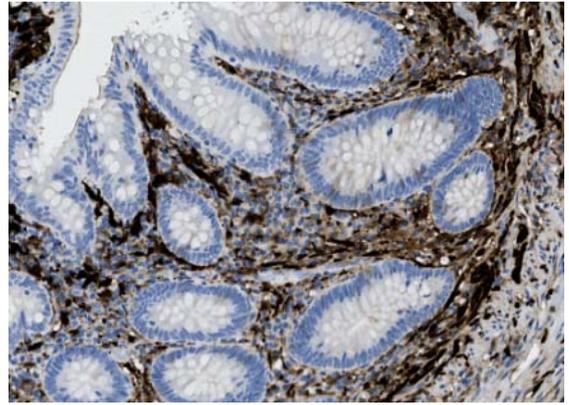
PsAP is a useful tool for the identification of normal prostatic tissue and prostatic carcinoma.

S100

IVD

Genemed® anti-S100B

Clone: -
Host, clonality: Rabbit polyclonal
Tissue control: Appendix, tonsil
Staining pattern: Cytoplasmic and nuclear
Product codes: 60-0061-7 7 mL RTU
61-0061 1 mL Concentrate



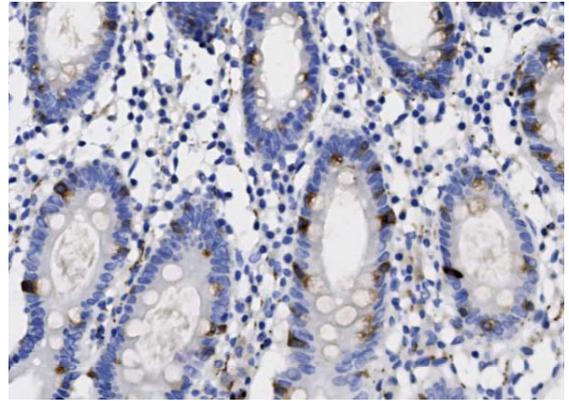
This antibody labels the S100 protein in the cytoplasm of glial cells of nervous system, melanocytes, chondrocytes, and adipocytes. It is a useful tool for classifying tumors in nervous system and differentiating melanomas and nerve sheath tumors from carcinomas when used with a panel of antibodies.

Synaptophysin

IVD

Genemed® anti-Synaptophysin

Clone: GR007
Host, clonality: Rabbit monoclonal
Tissue control: Pancreas, colon
Staining pattern: Cytoplasmic
Product codes: 60-0122-7 7 mL RTU
61-0122 1 mL Concentrate



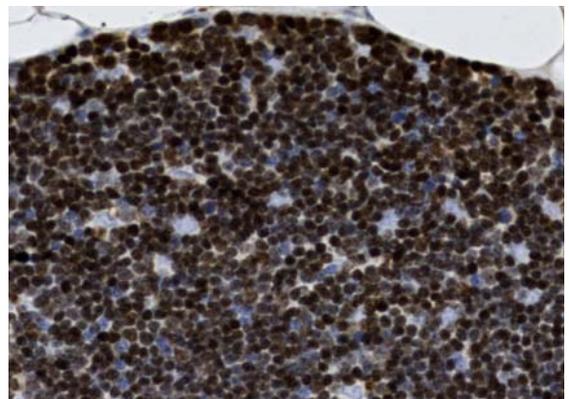
In the appendix and colon, moderate to strong cytoplasmic staining of axons is observed in the Auerbach's and Meissner's plexus, and at least moderate cytoplasmic staining of endocrine cells of the mucosal tissue. Cytoplasmic staining is also observed in neuronal and neuroendocrine tumors. It is a useful tool for identifying and classifying neuronal and neuroendocrine tumors, when used in a panel with other antibodies.

TdT

IVD

Genemed® anti-TdT

Clone: -
Host, clonality: Rabbit polyclonal
Tissue control: Thymus
Staining pattern: Nuclear
Product codes: 60-0115-7 7 mL RTU
61-0115 1 mL Concentrate



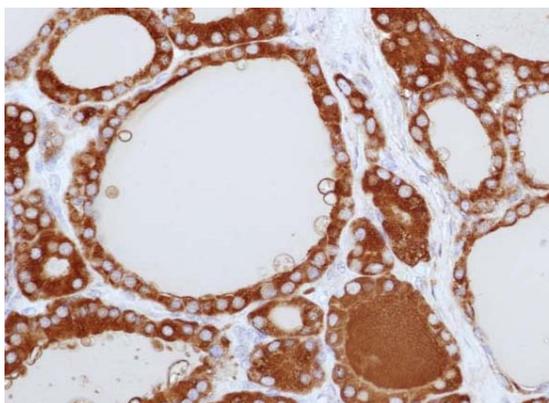
Detection of TdT has value in classification of malignant lymphomas and acute leukaemias, particularly for the identification of pre-B and pre-T acute lymphoblastic leukemia/lymphoblastic lymphoma (ALL/LBL). The intensity of TdT expression is important since weak expression of TdT does not strongly support the diagnosis of ALL/LBL.

Thyroglobulin

IVD

Genemed® anti-Thyroglobulin

Clone: 2H11/6E1
Host, clonality: Mouse monoclonal
Tissue control: Thyroid
Staining pattern: Cytoplasmic and extracellular
Product codes: 60-0064-7 7 mL RTU
61-0064 1 mL Concentrate



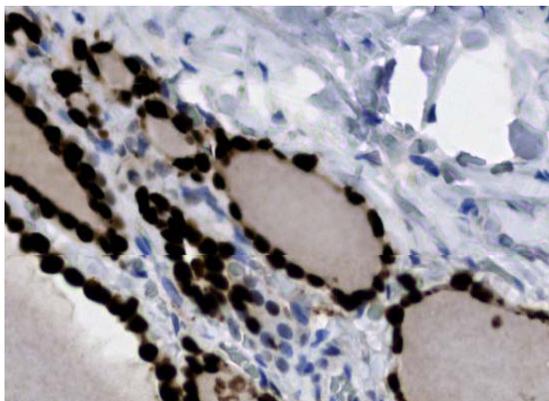
Thyroglobulin antibody may be useful in the identification of well differentiated thyroid carcinomas, and for the identification of metastatic thyroid carcinomas. It is expressed in most papillary and follicular thyroid carcinoma.

Thyroid Transcription Factor-1

IVD

Genemed® anti-Thyroid Transcription Factor-1

Clone: 8G7G3/1
Host, clonality: Mouse monoclonal
Tissue control: Lung, thyroid
Staining pattern: Nuclear
Product codes: 60-0065-7 7 mL RTU
61-0065 1 mL Concentrate



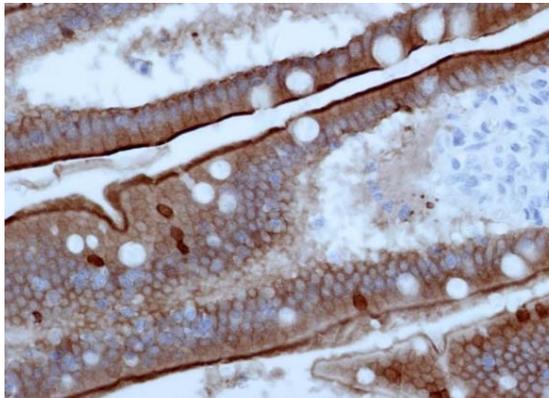
This antibody labels the TTF-1 protein in the nucleus of follicular epithelial cells in normal thyroid and thyroid tumors, in nucleus of type II pneumocytes, Clara cells, and basal cells of terminal bronchioles in normal lung and lung adenocarcinomas. It is a useful tool for differentiating primary versus metastatic tumors in lung and thyroid.

Villin

IVD

Genemed® anti-Villin

Clone: GR016
Host, clonality: Rabbit monoclonal
Tissue control: Small intestine or colonic mucosa
Staining pattern: Membrane and cytoplasmic
Product codes: 60-0170-7 7 mL RTU



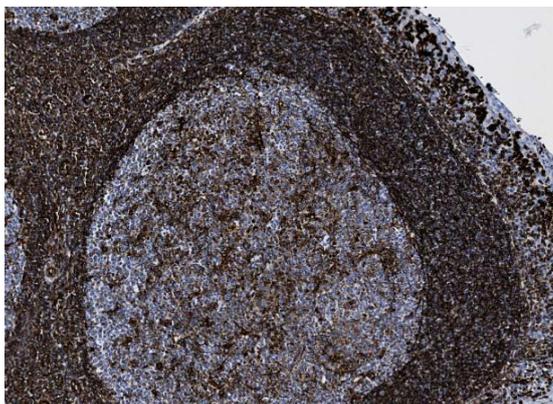
Villin may be a useful marker of gastrointestinal tumors particularly those from the colon, stomach, and pancreas. Villin may be a useful marker also for some neuroendocrine carcinomas, ovarian adenocarcinomas.

Vimentin

IVD

Genemed® anti-Vimentin

Clone: V9
Host, clonality: Mouse monoclonal
Tissue control: Tonsil
Staining pattern: Cytoplasmic
Product codes: 60-0066-7 7 mL RTU
61-0066 1 mL Concentrate



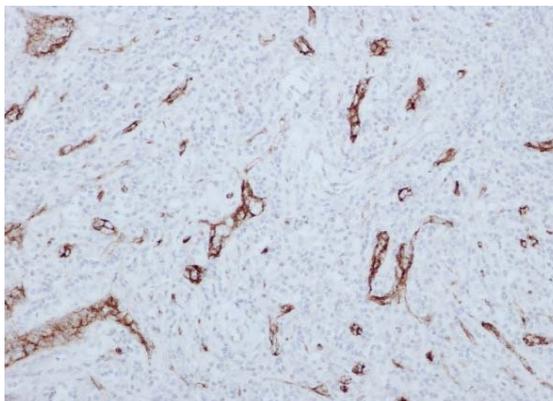
This antibody stains the vimentin antigen in the cytoplasm of mesenchymal cells such as fibroblasts, smooth muscle cells and endothelium in both normal and neoplastic cells. It is a useful tool for classifying neoplastic tissues of mesenchymal origin such as soft tissue tumors when used with a panel of antibodies.

Von Willebrand Factor (Factor VIII RA)

IVD

Genemed® anti-Von Willebrand Factor (Factor VIII RA)

Clone: -
Host, clonality: Rabbit polyclonal
Tissue control: Appendix, liver
Staining pattern: Cytoplasmic
Product codes: 60-0109-7 7 mL RTU
61-0109 1 mL Concentrate



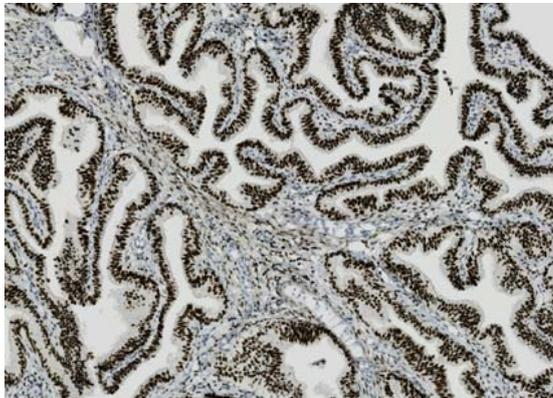
Anti-vWF antibody must be used in conjunction with other more sensitive markers of endothelial cells (e.g. CD34 and CD31) when identifying angiosarcomas. There is overlap between the expression of von Willebrand factor in vascular and lymphatic endothelium.

WT1

IVD

Genemed® anti-WT1

Clone: 6F-H2
Host, clonality: Mouse monoclonal
Tissue control: Fallopian tube
Staining pattern: Nuclear
Product codes: 60-0135-7 7 mL RTU
61-0135 1 mL Concentrate



WT1 is particularly used for distinguishing malignant mesothelioma and ovarian serous carcinoma from nonserous carcinomas. WT1 is also applicable for the differential diagnostic of small cell childhood tumours.

Immunohistochemistry Detection Kits

Genemed offers highly sensitive polymer detection systems for immunohistochemistry applications. Genemed's sensitive and easy-to-use detection systems enable strong staining signals with the lowest possible background.

Power-Stain™ 1.0 Kit Poly HRP DAB for Mouse + Rabbit

IVD

Product codes: 52-00017 15 mL
 54-0017 100 mL



Power-Stain™ 1.0 Kit Poly HRP DAB, 15ml

Description

This kit is a non-biotin system and utilizes a Poly HRP (horseradish peroxidase) conjugate to locate where the mouse or rabbit primary antibody is bound to the target antigen. The complex formed between Poly HRP conjugate and the mouse or rabbit primary antibody is observed through the use of a substrate-chromogen solution which, when added, results in a colored precipitate at the antigen location. The staining location and pattern is easily observable by light microscopy.

Materials Required but not supplied in this kit

Peroxidase Block (3% H ₂ O ₂)	10-0056
Citrate Buffer pH 6 (20X)	10-0020
Tris EDTA Buffer pH 9 (20X)	10-0037
Wash buffer: TBST, pH 7.4 (20X)	10-0028
Mayer's Hematoxylin	10-0027

Other Immunohistochemistry Detection kits

Power-Stain™ 1.0 Double Stain Kit I (Poly HRP for Mouse + Poly AP for Rabbit)
 Power-Stain™ 1.0 Kit Poly AP for Mouse + Rabbit
 Power-Stain™ 1.0 Kit Poly HRP AEC for Mouse + Rabbit
 Power-Stain™ 2.0 Kit Poly HRP for Mouse + Rabbit

Product codes

15 ml	100 ml
52-0023	N/A
52-0020	N/A
52-0022	54-0022
52-0006	54-0006

Ancillaries

	Product description	Product code	Size
Buffer	PBS Powder (10X)	10-0044	Bag
	SSC Buffer (20X)	10-0029	100 mL
	TBST (Tris Buffered Saline and 0.05% Tween 20), pH 7.4 (20X)	10-0028	100 mL
Chromogen	AEC Substrate	10-0005	100 mL
	AEC Substrate (Single Solution)	10-0047	15 mL
	BCIP/NBT	10-0007	100 mL
	Sensitive DAB Substrate Kit	10-0048	200 mL
Conjugate	AP Streptavidin Conjugate	10-0011	1 mL
	Biotin Goat anti-Mouse IgG+M (H+L)	10-0012	1 mL
	Biotin Goat anti-Rabbit IgG (H+L)	10-0013	1 mL
	HRP Streptavidin Conjugate	10-0010	1 mL
Diluent	Antibody Diluent for Automated Stainers	10-0058	500 mL
	Primary Antibody Diluent	10-0001	500 mL
Counterstain & mounting	CleanMount™ Mounting Solution	10-0034	15 mL
	GVA Mounting Solution	10-0033	15 mL
	Mayer's Hematoxylin	10-0027	100 mL
	Mini PAP Pen	10-0041	Ea
	Super PAP Pen	10-0045	Ea
Kit	Power-Stain™ 1.0 Double Stain Kit I Poly HRP for Mouse + Poly AP for Rabbit)	52-0023	15 mL
	Power-Stain™ 1.0 Kit Poly AP for Mouse + Rabbit	52-0020	15 mL
	Power-Stain™ 1.0 Kit Poly HRP AEC for Mouse + Rabbit	52-0022	15 mL
	Power-Stain™ 1.0 Kit Poly HRP AEC for Mouse + Rabbit	54-0022	100 mL
	Power-Stain™ 1.0 Kit Poly HRP DAB for Mouse + Rabbit	52-0017	15 mL
	Power-Stain™ 1.0 Kit Poly HRP DAB for Mouse + Rabbit	54-0017	100 mL
	Power-Stain™ 2.0 Kit Poly HRP for Mouse + Rabbit	52-0006	15 mL
	Power-Stain™ 2.0 Kit Poly HRP for Mouse + Rabbit	54-0006	100 mL
Prestaining	A/B Block (Avidin/Biotin Blocking Solution)	10-0039	15 mL
	Blocking Solution (Non-immune)	10-0032	100 mL
	C-Block (Casein Blocking Solution)	10-0040	100 mL
Pretreatment	Citrate Buffer pH 6 (20X) 1	0-0020	100 mL
	Peroxidase Block (3% H ₂ O ₂)	10-0056	100 mL
	Proteinase K	10-0024	50 mL
	Tris EDTA Buffer pH 9 (20X)	10-0037	100 mL

Please visit our website genemed.com

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