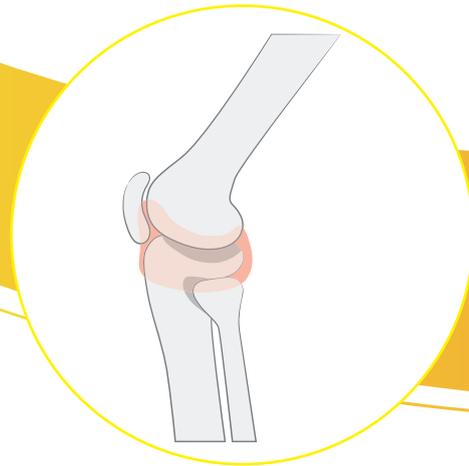


IHC PANEL MARKERS

S a r c o m a t u m o r



BioGenex offers wide-ranging antibodies for several IHC panel for initial differentiation, tumor origin, treatment methods, and prognosis. All BioGenex antibodies are validated on human tissues to ensure sensitivity and specificity. BioGenex comprehensive IHC panels include a range of mouse monoclonal, rabbit monoclonal, and polyclonal antibodies to choose from.

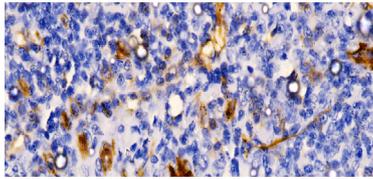
BioGenex offers a vast spectrum of high-quality antibodies for both diagnostic and reference laboratories. BioGenex strives to support efforts in clinical diagnostics and drug discovery development as we continue to expand our antibody product line offering in both ready-to-use and concentrated formats for both manual and automation systems.

Antibodies for Sarcoma tumor

CD31, CD34, DOG1, EMA, ERG, S100 protein, SMA, Desmin, CD40, FLI-1, TLE-1, PAX-3, STAT-6, TFE3, SDHB, NKX2.2, NKX3.1, WT1, MUC4, CK Pan, Vimentin, Kappa, Lambda, CD45RO, CD45, CK7, VEGF, CA125, PDGFRB, CD4, CD163



CD31



The localization of CD31 to regions of cell-cell contacts, and the sequence similarity to CEA, a known intercellular adhesion molecule (ICAM), strongly suggests that CD31 may function as an ICAM, possibly mediating endothelial cell-cell contacts and promoting interactions between leukocytes and endothelial cells. Anti-CD31 monoclonal antibody JC/70A reacts with a membrane glycoprotein with an apparent size of 100 kD in endothelial cells and 130 kD in platelets. It strongly stains endothelium in normal tissue as well as benign and malignant tumor tissue. The antibody labels mega-karyocytes, platelets and occasionally plasma cells, and weakly stains mantle zone B cells, peripheral T cells and neutrophils.

Antibody	Clone	Localization	Catalog Family
CD31	SP141	Membrane/Cytoplasm	AM232, AX232, MU232

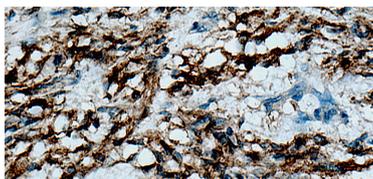
CD34



CD34 functions as a cell-cell adhesion factor and cell-surface glycoprotein. It may also mediate the attachment of stem cells to bone marrow extracellular matrixes or directly to stromal cells. Cells expressing CD34 are normally found in the umbilical cord and bone marrow as hematopoietic cells, and in vascular endothelium. In addition to stem cell recognition, CD34 is expressed by vascular endothelium; it appears that proliferating endothelial cells express this molecule in greater amounts than resting cells. In comparison to factor VIII R Antigen, CD34 is an important marker for quantifying and purifying hematopoietic progenitor/stem cells. It is useful in identification of tumors with endothelial or lymphoid differentiation. In addition, CD34 aids in detection of gastrointestinal stromal tumors.

Antibody	Clone	Localization	Catalog Family
CD34	EP88	Membrane	AN779, AY779, NU779

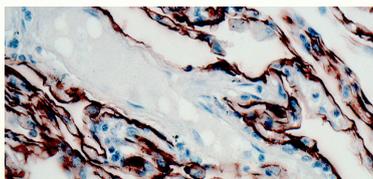
DOG1



DOG1 is a cell surface protein selectively expressed in gastrointestinal stromal tumors (GIST). The DOG1 protein shows no homology at the DNA or amino acid level with KIT. DOG1 antibody labels the epithelium of the following organs: breast, prostate, salivary gland, liver, stomach, testis, pancreas, and gallbladder. DOG1 is a useful marker for GISTs, including PDGFRA mutants that fail to express KIT antigen.

Antibody	Clone	Localization	Catalog Family
DOG1	1.1	Nucleus/Cytoplasm	AM570, AX570, MU570

Epithelial Membrane Antigen (EMA)

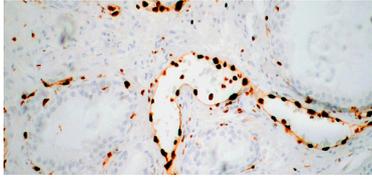


Epithelial membrane Antigen (EMA), also known as milk fat globule membrane protein, is present on the luminal surface of mammary gland epithelium. Although EMA is primarily located in mammary gland epithelium, other normal epithelia (e.g., lung) will also react against EMA antibody. Cells obtained from solid metastases and pleural effusions accompanying a breast cancer will react with EMA antibody. Human colon carcinoma, osteosarcoma, kidney carcinoma, hepatocellular carcinomas, adrenal carcinoma, embryonal carcinoma, liposarcoma, lung carcinoma, and mixed parotid tumor do not stain with EMA antibody. The combination of positive staining for keratin with negative EMA can be used to phenotype the above-mentioned epithelial tumors.

Antibody	Clone	Localization	Catalog Family
Epithelial Membrane Antigen (EMA)	E29	Membrane/Cytoplasm	AM057, AX057, MU057



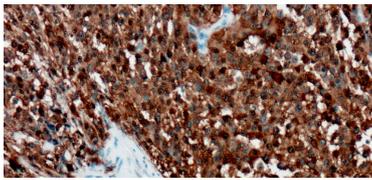
ERG, Ets-Related Gene



ERG, the ETS related gene, is directed against the C-terminus of the ETS transcription regulator, ERG, and is capable of detecting both wildtype ERG, and truncated ERG resulting from ERG gene rearrangement. This antibody exhibits a nuclear staining pattern and may be used to aid in the identification of prostate adenocarcinomas through the detection of truncated ERG. This ERG antibody also recognizes Fli-1 by western blot analysis.

Antibody	Clone	Localization	Catalog Family
ERG, Ets-Related Gene	EP111	Nucleus	AN782, AY782, NU782

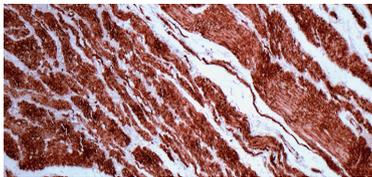
S100 Beta



S100 Beta is a homodimeric member of the S100 superfamily. S100 is a family of Ca²⁺-binding proteins, comprised of 19 members that are differentially expressed in a large number of cell types. The protein has been implicated in cellular processes such as cell differentiation and growth. S100 Beta is abundant in glial cells of the central and peripheral nervous system. In melanocytes, chondrocytes, and adipocytes. Antibody to S100 Beta also labels Langerhans cells, histiocytes, epithelial, myoepithelial cells and integrating reticular cells of lymphoid tissue and integrating reticular cells of lymphoid tissue and tumors originated from these cells. S100 Beta is a useful marker for diagnosis of melanoma, tumors of nervous system..

Antibody	Clone	Localization	Catalog Family
S100 Beta	EP32	Cytoplasm	AN713, AY713, NU713

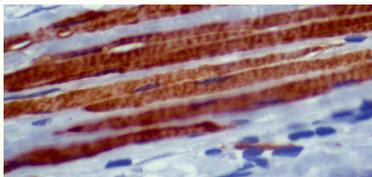
Actin; Smooth Muscle



Actin is one of two major cytoskeletal proteins. The antibody can be used to identify smooth muscle tumors. It stains leiomyomas, leiomyosarcomas and pleomorphic adenomas but does not stain carcinomas, melanomas, lymphomas or nonsmooth muscle sarcomas. It stains the muscularis and muscularis mucosa of the gastrointestinal tract, the uterine myometrium, medial layer of blood vessels, the mesenchymal components of the prostate, and myoepithelial cells of salivary glands and other organs. The antibody does not stain striated muscle such as skeletal and cardiac muscle, endothelium, connective tissue, epithelium or nerve.

Antibody	Clone	Localization	Catalog Family
Actin; Smooth Muscle	1A4	Cytoplasm	AM128, AX128, MU128

Desmin

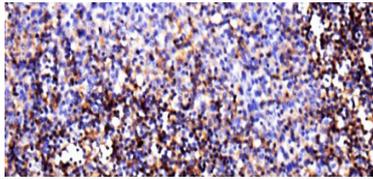


Intermediate filaments together with microfilaments and microtubules form a major part of the extensive cytoplasmic network called the cytoskeleton. Desmin is a 56 kD intermediate filament expressed by cells of smooth, skeletal, and cardiac muscle. In myofibrils, desmin is localized in skeletal and cardiac muscle Z lines, in regions of cell-cell juncture, at the site of apposition of the Z line with the plasma membrane, and in cardiac intercalated disks. The specificity of Desmin to muscle cells makes it a useful marker in identifying sarcomas derived from smooth and striated muscle cells such as leiomyosarcomas and rhabdomyosarcomas. This antibody does not cross-react detectably with GFAP, keratin, vimentin, or neurofilament. This antibody stains positive in muscle cells.

Antibody	Clone	Localization	Catalog Family
Desmin	D33	Cytoplasm	AM072, AX072, MU072



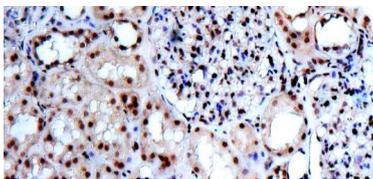
CD40



CD40 or Bp50 is a member of the TNF receptor superfamily and a central regulator of anti-tumor immunity. Activation of CD40 on the cell surface of antigen presenting cells (APCs) promotes APCs ability to prime antigen-specific T cells and tumorinfiltrating myeloid cells thus enhancing their anti-tumor and anti-fibrotic activity (1, 2, 3). The ligand for CD40 is CD154, which is expressed on a variety of cell types, including activated T and B cells, endothelial and smooth muscle cells. CD40 is a promising target for cancer immunotherapy and CD40 activation in clinical trials demonstrated encouraging results in patients with pancreatic carcinoma, Hodgkin lymphoma, high-grade B cell lymphoma and metastatic melanoma

Antibody	Clone	Localization	Catalog Family
CD40	CL1673	Membrane	AM913, AX913, MU913

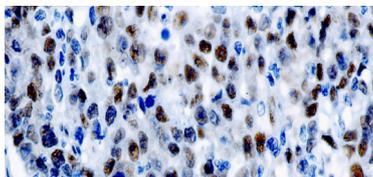
Human FLI-1



Defects in FLI-1 are a cause of Ewing sarcoma, a highly malignant, metastatic, primitive small round cell tumor of bone and soft tissue that affects children and adolescents. It belongs to the Ewing sarcoma family of tumors, a group of morphologically heterogeneous neoplasms that share the same cytogenetic features. They are considered neural tumors derived from cells of the neural crest. Ewing sarcoma represents the less differentiated form of the tumors. A chromosomal aberration involving FLI-1 is found in patients with Ewing sarcoma.

Antibody	Clone	Localization	Catalog Family
Human FLI-1	MRQ-1	Nucleus	AMB24, AXB24, MUB24

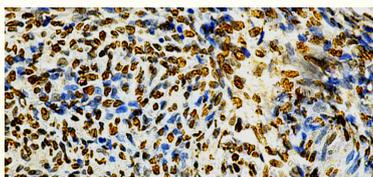
TLE-1



Transducin-like enhancer protein 1 (TLE1) is a protein that is encoded by the TLE1 gene family and involved in control of hematopoiesis, neuronal, and terminal epithelial differentiation. Expression of the TLE genes (TLE1, TLE2, TLE3 and TLE4) correlates with immature epithelial cells that are progressing toward a terminally differentiated state, suggesting a role during epithelial differentiation. Anti-TLE1 antibody is a sensitive and specific marker for synovial sarcoma than other markers including BCL2, epithelial membrane antigen (EMA) and cytokeratins. It is used to differentiate synovial sarcoma from other sarcomas, including histologically similar tumors such as malignant peripheral nerve sheath tumor.

Antibody	Clone	Localization	Catalog Family
TLE-1	ZM93	Nucleus	AMB58, AXB58, MUB58

PAX3

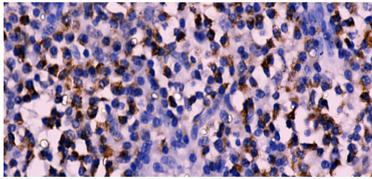


PAX3 (Paired Box 3) is a DNA-binding protein consisting of an amino-terminal "paired" box domain and a paired-type homeodomain. It belongs to paired box (PAX) family of transcription factors and plays a critical role during fetal development. PAX3 is involved in development of peripheral nervous system, melanocytes, some vascular smooth muscle and are responsible for embryonic patterning and organogenesis. Mutations in PAX3 gene are associated with Waardenburg syndrome II (WSII), WSI/WSIII, alveolar rhabdomyosarcoma and craniofacial-deafness-hand syndrome.

Antibody	Clone	Localization	Catalog Family
PAX3	PAX3/4700	Nucleus	AMD28, AXD28, MUD28



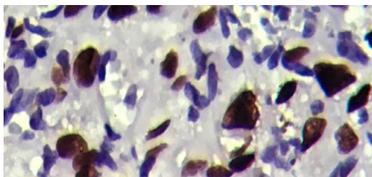
STAT6



Signal transducers and activators of transcription 6 (STAT6) is a member of the Janus family tyrosine kinases (Jak)/ STAT signal transduction pathway and mediates cytokine signaling by IL 4 and IL-13. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. Phosphorylation at Tyr641 activates STAT6 which is required for responsiveness to IL-4 and IL-13.

Antibody	Clone	Localization	Catalog Family
STAT6	D-1	Cytoplasm	AMB34, AXB34, MUB34

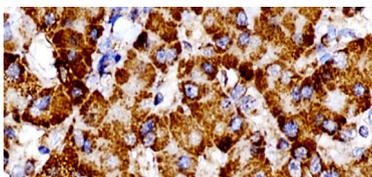
TFE3



Transcription factor E3 (TFE3) is a member of a family of basic helix-loop-helix leucine zipper transcription factors that includes MITF, TFEB, TFE3, and TFEC. Transcription factor binding to IGHM enhancer 3 or transcription factor E3 (TFE3) gene is mapped to human chromosome Xp11.23. In the immune system, TFE3 plays important roles in modulating immunoglobulin heavy-chain expression and regulating B-cell activation. Members of this family form heterodimers with each other, bind the same DNA sequences, and undergo the same types of posttranslational modifications; including sumoylation

Antibody	Clone	Localization	Catalog Family
TFE3	EP285	Nucleus/Cytoplasm	ANB13, AYB13, NUB13

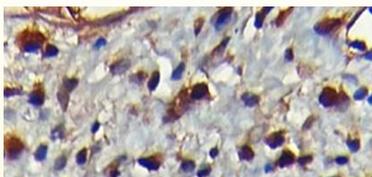
SDHB



Succinate Dehydrogenase Complex, Subunit B (SDHB), also known as iron-sulfur subunit of complex II (Ip) or SDH2, is a protein encoded by the SDHB gene which belongs to the Succinate Dehydrogenase/fumarate reductase iron-sulfur protein family. It is one of four protein subunits forming Succinate Dehydrogenase, the other three being SDHA, SDHC and SDHD. Succinate Dehydrogenase (SDH) catalyzes the oxidation of Succinate and ubiquinone to fumarate and ubiquinol in aerobic respiration reactions. Mutations in SDH gene have been linked to pheochromocytoma (PCC), paraganglioma (PGL), gastrointestinal stromal tumor (GIST), renal cell carcinoma, and ovarian cancer.

Antibody	Clone	Localization	Catalog Family
SDHB	SDHB/2382	Cytoplasm	AMA99, AXA99, MUA99

NKX2.2

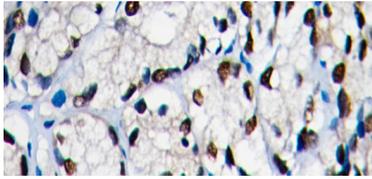


NKX2.2 is a member of NKX family of transcription factors. It is a homeodomain-containing transcription factor which is necessary for neuroendocrine differentiation in the central nervous system and pancreas. It is also involved with neuronal developing, patterning, and fate specification of neurons and oligodendrocytes. NKX2.2 expression has been found in the developing forebrain, spinal cord, Ewing's sarcoma and neuroendocrine tumors of the gut. NKX2.2 antibody is considered as a sensitive panel marker for distinguishing Ewing's sarcoma from other round blue cell tumors.

Antibody	Clone	Localization	Catalog Family
NKX2.2	D-4	Nucleus	AXC23, AXC23, MUC23



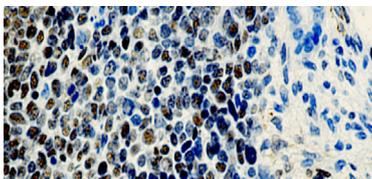
NKX3.1



The NKX3.1 gene is located on chromosome 8p21.2, whose expression is predominantly localized to prostate epithelium. The NKX3.1 protein acts as a nuclear transcription factor that has a critical function in prostate development and tumor suppression, and is a negative regulator of epithelial cell growth in prostate tissue. Apart from prostate epithelium, NKX3.1 is found in testis, ureter, and pulmonary bronchial mucous glands. NKX3.1 is a highly sensitive and specific marker for prostate adenocarcinoma in line with other prostate markers like Prostate Specific Antigen (PSA) and Prostein (p501S), particularly useful in low differentiated tumors where PSA and/or Prostein may be weakly expressed or lost.

Antibody	Clone	Localization	Catalog Family
NKX3.1	NKX3.1/2576	Nucleus	AMA55, AXA55, MUA55

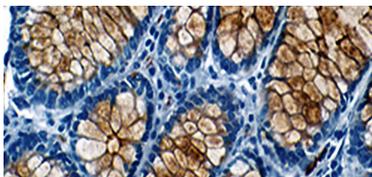
WT1



The antibody reacts with all isoforms of the full-length WT1 and also identifies WT1 lacking exon 2-encoded amino acids, frequently found in subsets of sporadic Wilm's tumors.. The WT1 gene is normally expressed in fetal kidney and mesothelium, expression has been suggested as a marker for Wilm's tumor and mesothelioma. WT1 protein has been identified in proliferative mesothelial cells, malignant mesothelioma, ovarian carcinoma, gonadoblastoma, nephroblastoma, and desmoplastic small round cell tumor. WT1 protein expression in mesothelial cells has become a reliable marker for the diagnosis of mesotheliomas.

Antibody	Clone	Localization	Catalog Family
WT1	WT1/1434R	Nuclear/Cytoplasmic	AN940, AY940, NU940

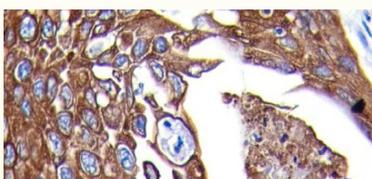
MUC4



MUC4 is a membrane-associated protein of the mucin (MUC) gene family, encoded by a gene on chromosome 3q29 and produced by epithelial cells as a heterodimer. The MUC4 protein is thought to play a protective role for vulnerable epithelia, particularly in the airway, eye, female reproductive tract, and mammary gland. Alterations in MUC4 expression have been observed in association with a variety of inflammatory and neoplastic states; including non-small cell lung carcinoma, hyperplastic polyps of the colon, and serrated colon adenomas, and breast carcinoma.

Antibody	Clone	Localization	Catalog Family
MUC4	1G8	Membrane/Cytoplasm	AM455, AX455, MU455

Cytokeratin PAN

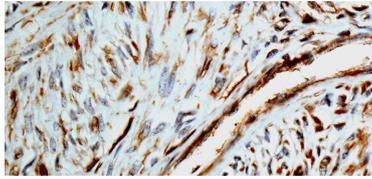


Keratins are useful markers in cancer research and tumor diagnosis as observed by many studies. This antibody is a broad spectrum anti-pan-cytokeratin antibody cocktail, which differentiates epithelial tumors from non-epithelial tumors e.g. squamous vs. adenocarcinoma of the lung, liver carcinoma, breast cancer, and esophageal cancer. It has been used to determine the source of various neoplasms and help to study the distribution of cytokeratin containing cells in epithelia during normal development and during the development of epithelial neoplasms.

Antibody	Clone	Localization	Catalog Family
Cytokeratin PAN	AE-1/AE-3	Cytoplasm	AMA46, AXA46, MUA46



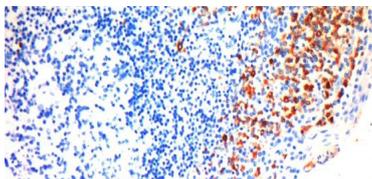
Vimentin



Vimentin is the major intermediate filament in a variety of mesenchymal or mesenchymally derived non-muscle cell types. Vimentin is found in all types of sarcomas and lymphomas. Positive staining for vimentin is seen in most cells of fibrosarcomas, liposarcomas, malignant fibrous histiocytomas, angiosarcomas, chondrosarcomas and lymphomas. When the vimentin antibody is used in combination with other antibodies as a panel, it can aid in the histological classification of normal and malignant tissues.

Antibody	Clone	Localization	Catalog Family
Vimentin	V9	Cytoplasm	AM074, AX074, MU074

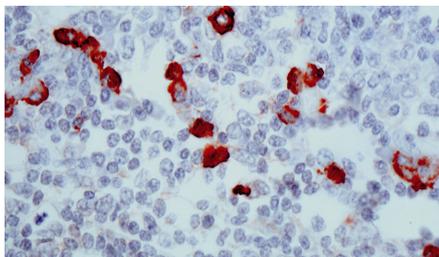
Kappa Light Chain



There are two types of light chain in humans (Kappa (κ) Light Chain and Lambda (λ) Light Chain). Normally, the total Kappa to Lambda ratio is about 2:1 in serum, with a highly divergent ratio indicative of neoplasm. If one type of light chain level is significantly higher than that of the other type, it indicates a malignant condition, such as B-cell lymphoma. This antibody is designed specific for Kappa Light Chain of Immunoglobulin, as a B cell marker. Detection of gene rearrangements and abnormal expression of Kappa Light Chain in immunoglobulin, are important methods in the diagnosis of B-cell lymphoma, Plasma cell myeloma, and Reactive follicular hyperplasia.

Antibody	Clone	Localization	Catalog Family
Kappa Light Chain	HP6053+L1C1	Cytoplasm	AM980, AX980, MU980

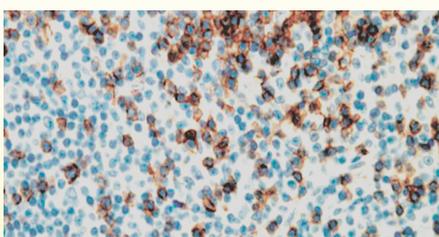
Lambda Light Chain



The light chains of immunoglobulin molecules may be either Kappa or Lambda. The clonal nature of any immunoglobulin-producing cell population can be determined by its light chain structure. Lambda chains are expressed on the surface of B cells. Antibodies to kappa and lambda light chains are used for the evaluation of leukemias, plasmacytomas, and certain nonHodgkin's lymphomas, the majority of which are derived from B-cell lineage. The most important uses of this technique would be in distinguishing atypical reactive follicular lymphoid hyperplasia from follicular lymphoma, undifferentiated carcinoma from large cell lymphoma, pseudolymphoma from lymphoma, and reactive plasmacytosis from well differentiated plasmacytoma.

Antibody	Clone	Localization	Catalog Family
Lambda Light Chain	Polyclonal	Cytoplasm	AR049, AW049, PU049

CD45RO

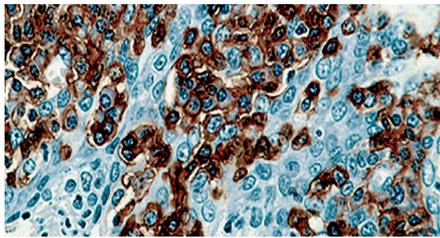


This antibody recognizes a 185 kD molecule (CD45RO) which occurs on mature activated T cells, most thymocytes, and a sub-population of resting T cells within both the CD-4 and CD8 subsets. UCHL-1 shows no reactivity with normal B or NK cells, but will react with granulocytes and monocytes. This antibody can be used as a marker of T cell lymphomas and other T cell neoplasms. The antigen has been shown to be immunologically unrelated to the lymphocyte-function-associated antigen (LFA-1), which has a similar molecular weight.

Antibody	Clone	Localization	Catalog Family
CD45RO	UCHL-1	Membrane/Cytoplasm	AM113, AX113, MU113



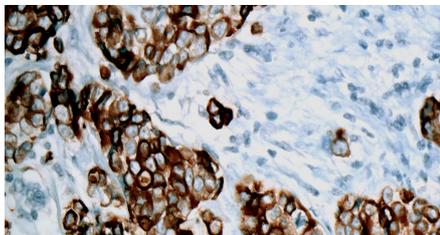
CD45



This antibody against CD45 (Leukocyte Common Antigen) recognizes the 200 kD antigen found on lymphoid cells, macrophages, histiocytes, and neutrophils. CD45 is helpful in determining the leukocytic nature of anaplastic tumors. Combined with other antibodies such as those to cytokeratins and S-100 protein, this monoclonal antibody to leukocyte common antigen can be used in the characterization of undifferentiated large cell neoplasms. Most neoplastic B cells and T cells stain positive in leukemia and in non-Hodgkin's lymphomas, whereas most neoplastic myeloid and erythroid cells are negative.

Antibody	Clone	Localization	Catalog Family
CD45	PD7/26/16 & 2B11	Membrane	AM111, AX111, MU111

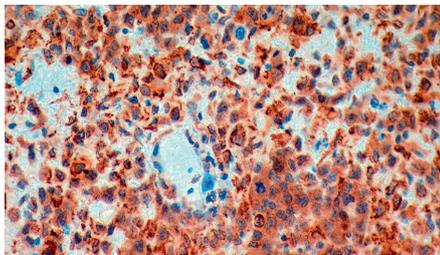
Cytokeratin 7



Cytokeratin 7 is a 54 kD marker of simple epithelium. Antibody to cyto-keratin 7 strongly stains all cell layers of the urinary bladder transitional epithelium. However, cyto-keratin 7 is absent from gastrointestinal epithelium, hepatocytes, proximal and distal tubules of the kidney, and myoepithelium. It also cannot be detected in the stratified epithelia of the skin, tongue, esophagus, or cervix.

Antibody	Clone	Localization	Catalog Family
Cytokeratin 7	OV-TL12/30	Cytoplasm	AM255, AX255, MU255

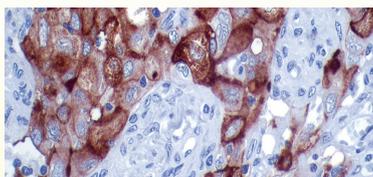
VEGF



Vascular endothelial factors (VEGFs) are a family of closely related growth factors having a conserved pattern of eight cysteine residues and sharing common VEGF receptors. VEGF receptors stimulate the proliferation of endothelial cells, induce angiogenesis, and increase vascular permeability in both large and small vessels. The mitogenic activity of VEGFs appears to be mediated by specific VEGF receptors.

Antibody	Clone	Localization	Catalog Family
VEGF	Polyclonal	Cytoplasm	AR483, AW483, PU483

CA 125

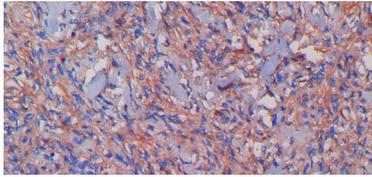


Mono- clonal antibody Ov185:1 reacts with repetitive protein determinant expressed in the protein core of the CA125 human ovarian cancer antigen. This marker is usually associated with ovarian epithelial malignancies. Immunohistochemistry with CA125 antibody in conjunction with other markers was found to be useful in tracing the origin of adenocarcinoma with unknown primary site. Carcinoembryonic antigen, CA 125, surfactant, Ecadherin, N-cadherin, and vimentin markers are found to be useful in differentiating epithelial tumors of lung versus ovarian origin. The higher rate of positive staining was also seen in endometrial cancers.

Antibody	Clone	Localization	Catalog Family
CA 125	Ov185:1	Cytoplasm	AM429, AX429, MU429



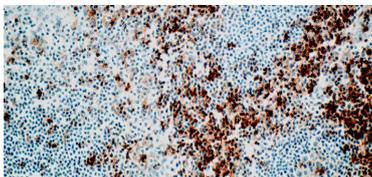
PDGFR BETA



Platelet derived growth factor receptors (PDGFR) are cell surface tyrosine receptors that act as a receptor for the platelet derived growth factors family. Alpha and Beta are two different subunits for PDGFR. They regulate many processes such as cell proliferation, cellular differentiation, cell growth, development, and play a major role in many diseases such as cancers. PDGFRbeta has been implicated in establishing blood vessel formation and early hematopoiesis. Autocrine activation of PDGF signaling pathways is involved in certain gliomas, sarcomas, and leukemias. Up regulation of PDGFR beta has been observed on endothelial cells of vessels which vascularize the tumor.

Antibody	Clone	Localization	Catalog Family
PDGFR BETA	RM303	Cytoplasm	AN992, AY992, NU992

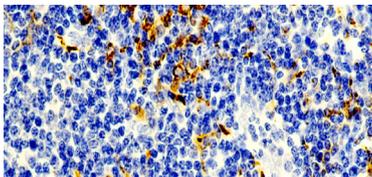
CD4



CD4 is a 55-60 kD cell-surface glycoprotein, which participates in the molecular complexes involved in both T-cell development and its antigen recognizing activity by binding to the nonpolymorphic region of class II MHC. CD4 is considered a stage marker of T-cell development in the thymus, as it is expressed on the cell surface in a stage specific manner, during T-cell development. This antibody reacts on a low level with human monocytes and macrophages but does not react with Bcells, granulocytes and thrombocytes.

Antibody	Clone	Localization	Catalog Family
CD4	4B12	Membrane	AM421, AX421, MU421

CD163



CD163 is a member of the SRCR family class B and is expressed in most subpopulations of mature tissue macrophages. The SRCR superfamily is a family of structurally related transmembrane glycoproteins. The characteristic building block of the extracellular domain of these molecules is the SRCR domain, which is an ancient and highly conserved domain of approximately 110 residues. The best characterized function of CD163 is related to the binding of the Hemoglobin: Haptoglobin complexes.

Antibody	Clone	Localization	Catalog Family
CD163	M130/2162	Membrane/Cytoplasm	AMA02, AXA02, MUA02



BioGenex Primary Antibody Format and Pack Size

BioGenex antibodies are optimized to provide a maximum signal with the minimum background for immunohistochemical staining. All our antibodies are optimized and recommended for use with all Super Sensitive™ Detection Systems to provide optimum staining.

BioGenex Ready-to-Use (RTU) antibodies are fully optimized for use with BioGenex Detection Systems without the need for further dilution or titration. BioGenex concentrated antibodies are provided with recommended dilutions for optimal use with BioGenex Detection Systems, allowing rapid titration and testing.

Prefix	Type	Species	Suffix	Volume and Format
AM/AN	Monoclonal	AM-Mouse/AN-Rabbit	-5M/5ME	6 mL - Ready-to-use (manual)
AM/AN	Monoclonal	AM-Mouse/AN-Rabbit	-10M/10ME	10 mL - Ready-to-use (i6000™)
AX/AY	Monoclonal	AX-Mouse/AY-Rabbit	-YCD/YCDE and -50D/50DE	16 mL and 5 mL Ready-to-use (Xmatrx®)
AR	Polyclonal	Rabbit	-5R/5RE	6 mL - Ready-to-use (manual)
AR	Polyclonal	Rabbit	-10R/10RE	10 mL - Ready-to-use (i6000™)
AW	Polyclonal	Rabbit	-YCD/YCDE and -50D/50DE	16 mL and 5 mL Ready-to-use (Xmatrx®)
MU/NU	Monoclonal	AM- Mouse/AN-Rabbit	-UC/UCE and -5UC/5UCE	1 mL and 0.5 mL Concentrate
PU	Polyclonal	Rabbit	-UC/UCE and -5UC/5UCE	1 mL and 0.5 mL Concentrate

Other Panel Markers from BioGenex

Breast cancer panel	Neuroendocrine tumor
B&T cell Associated Lymphoma	Pancreas tumor
Cervical cancer	Liver cancer
Colorectal and stomach cancer	Kidney cancer
Lung cancer	Bladder cancer
Melanoma	Germ cell tumor
Muscle cancer	Vascular tumor
Ovarian cancer	Pituitary gland
Prostate/Testicular cancer	Esophagus cancer

For specific information on the individual antibody, please refer to the datasheets available on www.biogenex.com or call BioGenex Technical Support at **1(800)421-4149** or write to support@biogenex.com.



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