

Mouse anti-Human CD5L/CD5LG/CD5 Ligand Monoclonal Antibody | anti-CD5L antibody

CD5L/CD5LG/CD5 Ligand Mouse Monoclonal Antibody [Clone CD5L/4420]

CATALOG # AAA215636	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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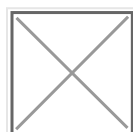
PRODUCT SYNONYMS

CD5L/CD5LG/CD5 Ligand; Monoclonal Antibody; CD5L/CD5LG/CD5 Ligand Mouse Monoclonal Antibody [Clone CD5L/4420]; AAC-11; AIM; API6; APOPTOSIS INHIBITOR 6; APOPTOSIS INHIBITOR OF MACROPHAGES; CD5 antigen like (scavenger receptor cysteine rich family); CD5 antigen-like; CT-2; Highly similar to ANTIGEN WC1. 1 [Bos taurus]; IgM-associated peptide; Pdp; PRO229; SCAVENGER RECEPTOR CYSTEINE-RICH FAMILY; SP-alpha; Spalpha; anti-CD5L antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG1, kappa
Clone Number	CD5L/4420
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-CD5L antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant fragment of human CD5 protein (around aa 269-366) (exact sequence is proprietary)
Cellular Localization	Secreted
Positive Control	293T, Ramos, or MOLT-4 cells. Human tonsil or lymph node.
Hu-chromosome Location	1q23.1
Unigene	134035
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human tonsil stained with CD5L Mouse Monoclonal Antibody (CD5L/4420) at 2ug/ml. Inset: PBS instead of primary antibody; secondary only negative control.

ADDITIONAL INFORMATION

Related Product Information for anti-CD5L antibody	CD5L (CD5 molecule-like), also known as API6, PRO229, Spalpha or SP-ALPHA, is a 347 amino acid secreted protein that belongs to the scavenger receptor cysteine-rich (SRCR) family of leukocyte regulating proteins. Expressed in bone marrow, spleen, thymus, lymph node and fetal liver, CD5L is thought to be involved in regulating the immune system via binding to peripheral monocytes and mediating their activation and overall survival. CD5L has three cysteine-rich domains and, in addition to its role in the immune system, may function to inhibit apoptosis and promote macrophage survival.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5174411
NCBI GeneID	922
NCBI Accession #	NP_005885.1
NCBI GenBank Nucleotide #	NM_005894.2
UniProt Accession #	O43866; Q6UX63; A8K7M5
Molecular Weight	38,088 Da
NCBI Official Full Name	CD5 antigen-like
NCBI Official Synonym Full Names	CD5 molecule like
NCBI Official Symbol	CD5L
NCBI Official Synonym Symbols	AIM; API6; CT-2; hAIM; PRO229; Spalpha; SP-ALPHA
NCBI Protein Information	CD5 antigen-like
UniProt Protein Name	CD5 antigen-like
UniProt Gene Name	CD5L
UniProt Synonym Gene Names	API6; hAIM
UniProt Entry Name	CD5L_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.