

CD5L / CD5LG / CD5 Ligand Antibody

Mouse Monoclonal Antibody [Clone CD5L/4420]

Catalog No	Format	Size
922-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
922-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
922-MSM2-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

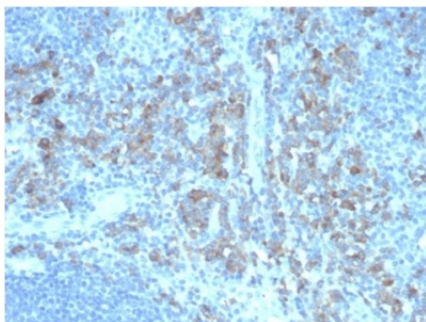
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

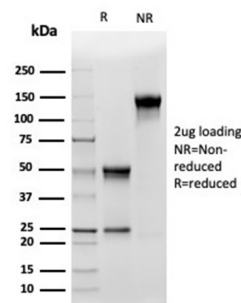
Clone	CD5L/4420
Gene Name	CD5L
Immunogen	Recombinant fragment of human CD5 protein (around aa 269-366) (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	38kDa
Cellular Localization	Cytoplasm, Secreted
Species Reactivity	Human
Positive Control	293T, or MOLT-4 cells. Human tonsil or lymph node., Ramos

*Optimal dilution for a specific application should be determined.

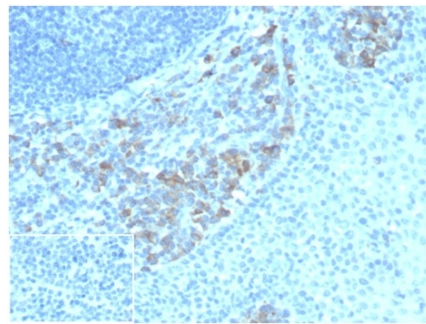
Product Images for CD5L / CD5LG / CD5 Ligand Antibody



IHC analysis of formalin-fixed, paraffin-embedded human tonsil. Stained using CD5L/4420 at 2ug/ml in PBS for 30min RT. HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.



SDS-PAGE Analysis of Purified CD5L Mouse Monoclonal Antibody (CD5L/4420). Confirmation of Purity and Integrity of Antibody.



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.

Analysis of Protein Array containing more than 19,000 full-length human proteins using Monospecific Mouse Monoclonal Antibody to CD5L (CD5L/4420). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to be specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.

Specificity & Comments

CD5L (CD5 molecule-like), also known as API6, PRO229, Sp? 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.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

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.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.