10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-L-Selectin Antibody

Catalog # ABO12080

Product Information

Application	WB, IHC-P, E
Primary Accession	P14151
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for L-selectin(SELL) detection. Tested with WB, IHC-P, ELISA in Human;Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	6402
Other Names	L-selectin, CD62 antigen-like family member L, Leukocyte adhesion molecule 1, LAM-1, Leukocyte surface antigen Leu-8, Leukocyte-endothelial cell adhesion molecule 1, LECAM1, Lymph node homing receptor, TQ1, gp90-MEL, CD62L, SELL, LNHR, LYAM1
Calculated MW	42187
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 □g/ml, Human, By Heat ELISA , 0.1-0.5 □g/ml, Human, - Western blot, 0.1-0.5 □g/ml, Human, Mouse, Rat
Subcellular Localization	42187 MW
Tissue Specificity	Cell surface adhesion protein. Mediates the adherence of lymphocytes to endothelial cells of high endothelial venules in peripheral lymph nodes. Promotes initial tethering and rolling of leukocytes in endothelia. .
Source	Eukaryota
Protein Name	Expressed in B-cell lines and T-lymphocytes. .
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	E. coli-derived human L-selectin recombinant protein (Position: W39-Y372). Human L-selectin shares 77.5 % and 78.7 % amino acid (aa) sequence identity with mouse and rat L-selectin, respectively.

Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins.
Storage	At -20˚C for one year. After r˚Constitution, at 4˚C for one month. It˚Can also be aliquotted and stored frozen at -20˚C for a longer time.Avoid repeated freezing and thawing.
Sequence Similarities	L-selectin

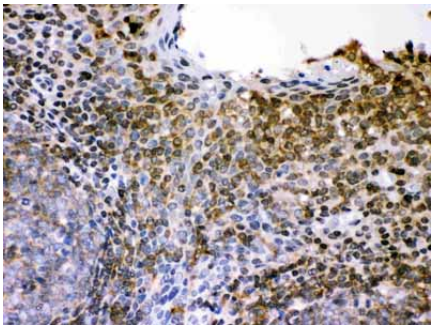
Protein Information

Name	SELL
Synonyms	LNHR, LYAM1
Function	Calcium-dependent lectin that mediates cell adhesion by binding to glycoproteins on neighboring cells (PubMed:12403782, PubMed:28011641, PubMed:28489325). Mediates the adherence of lymphocytes to endothelial cells of high endothelial venules in peripheral lymph nodes. Promotes initial tethering and rolling of leukocytes in endothelia (PubMed:12403782, PubMed:28011641).
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed in B-cell lines and T-lymphocytes.

Background

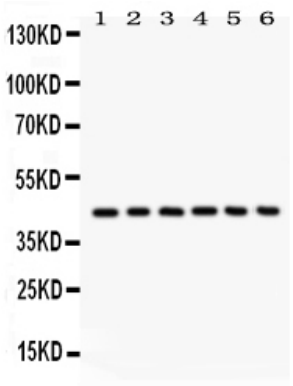
CD62L, also known as L-selectin, is a cell adhesion molecule found on leukocytes. It belongs to the selectin family of proteins, which recognize sialylated carbohydrate groups. It is cleaved by ADAM17. SELL (L-selectin) is a cell surface component that is a member of a family of adhesion/homing receptors which play important roles in leukocyte-endothelial cell interactions. The molecule is composed of multiple domains: one homologous to lectins, one to epidermal growth factor, and two to the consensus repeat units found in C3/C4 binding proteins. L-selectin acts as a homing receptor" for leukocytes to enter secondary lymphoid tissues via high endothelial venules. Ligands present on endothelial cells will bind to leukocyte expressing L-selectin

Images



Anti- L-selectin Picoband antibody, ABO12080, IHC(P)IHC(P): Human Tonsil Tissue

Anti- L-selectin Picoband antibody, ABO12080, Western blottingAll lanes: Anti L-selectin (ABO12080) at 0.5ug/mlLane 1: Human Placenta Tissue Lysate at 50ugLane 2: JURKAT Whole Cell Lysate at 40ugLane 3: CEM Whole Cell Lysate at 40ugLane 4: HL60 Whole Cell



Lysate at 40ugLane 5: Rat Spleen Tissue Lysate at 50ugLane 6: Mouse Spleen Tissue Lysate at 50ugPredicted bind size: 42KDObserved bind size: 42KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.