

Anti-L-Selectin Antibody

Catalog # ABO10682

Product Information

Application	WB
Primary Accession	P18337
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for L-selectin(SELL) detection. Tested with WB in Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	20343
Other Names	L-selectin, CD62 antigen-like family member L, Leukocyte adhesion molecule 1, LAM-1, Leukocyte-endothelial cell adhesion molecule 1, LECAM1, Lymph node homing receptor, Lymphocyte antigen 22, Ly-22, Lymphocyte surface MEL-14 antigen, CD62L, Sell, Lnhrr, Ly-22, Ly22
Calculated MW	42288
Application Details	Western blot, 0.1-0.5 µg/ml, Mouse, Rat
Subcellular Localization	42288 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 (By similarity). .
Source	Eukaryota
Protein Name	Predominantly expressed in lymphoid tissue. .
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of mouse L-selectin (125-141aa KEDCVEIYIKRERDSGK), identical to the related rat sequence.
Purification	Immunogen affinity purified.

Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After reconstitution, 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

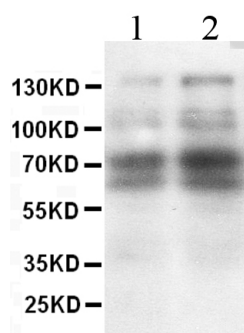
Protein Information

Name	Sell
Synonyms	Lnhr, Ly-22, Ly22
Function	Calcium-dependent lectin that mediates cell adhesion by binding to glycoproteins on neighboring cells. Mediates the adherence of lymphocytes to endothelial cells of high endothelial venules in peripheral lymph nodes (PubMed: 1693096). Promotes initial tethering and rolling of leukocytes in endothelia (By similarity).
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Predominantly expressed in lymphoid tissue.

Background

L-selectin, also known as CD62L, 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 antibody, ABO10682, Western blotting
 All lanes: Anti L-selectin (ABO10682) at 0.5ug/ml
 Lane 1: Rat Spleen Tissue Lysate at 50ug
 Lane 2: Mouse Spleen Tissue Lysate at 50ug
 Predicted bind size: 42KD
 Observed bind size: 70KD

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