

Anti-CD62L Picoband Antibody
Catalog # ABO12873

Specification

Anti-CD62L Picoband Antibody - Product Information

Application	WB
Primary Accession	P14151
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for L-selectin(SELL) detection. Tested with WB, ELISA in Human.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-CD62L Picoband Antibody - 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

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; KDa

Application Details

ELISA, 0.1-0.5 µg/ml, Human,
 Western blot, 0.1-0.5 µg/ml, Human,

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

Membrane; Single-pass type I membrane protein.

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 CD62L recombinant protein (Position: W39-K151). Human CD62L shares 82.3% and 80.5% amino acid (aa) sequence identity with mouse and rat CD62L, respectively.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins.

Storage

At -20°C for one year. After r^oConstitution, at 4°C for one month. It^oCan also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Anti-CD62L Picoband Antibody - 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.

Anti-CD62L Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CD62L Picoband Antibody - Images

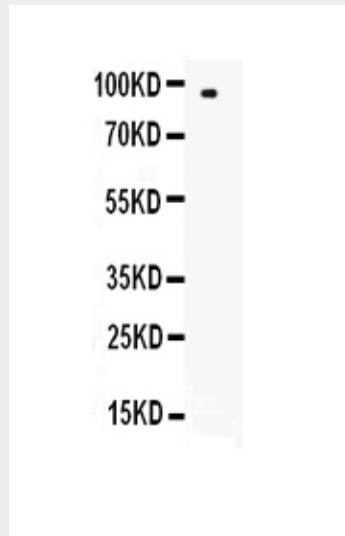


Figure 1. Western blot analysis of CD62L using anti-CD62L antibody (ABO12873).

Anti-CD62L Picoband Antibody - 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