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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˚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.**

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 Cytomety
- Cell Culture

Anti-CD62L Picoband Antibody - Images

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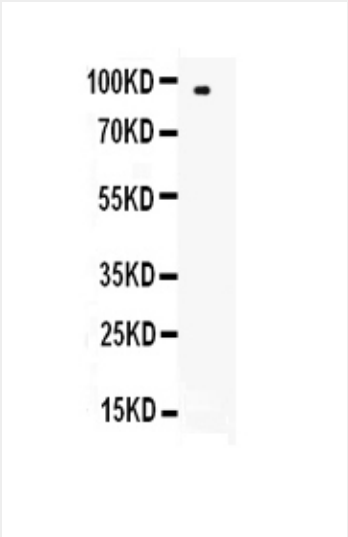

Figure 1. Western blot analysis of CD62L using anti-CD62L antibody (ABO12873).

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