

**Anti-CD62L Picoband Antibody**  
Catalog # ABO12873

**Specification**

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**Anti-CD62L Picoband Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P14151</a>
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, <br> Western blot, 0.1-0.5 µg/ml, Human, <br> <br>

**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 Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg NaN<sub>3</sub>.

#### **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<sup>o</sup>Constitution, at 4°C for one month. It<sup>o</sup>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:<a href="http://www.uniprot.org/citations/12403782" target="\_blank">12403782</a>, PubMed:<a href="http://www.uniprot.org/citations/28011641" target="\_blank">28011641</a>, PubMed:<a href="http://www.uniprot.org/citations/28489325" target="\_blank">28489325</a>). 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:<a href="http://www.uniprot.org/citations/12403782" target="\_blank">12403782</a>, PubMed:<a href="http://www.uniprot.org/citations/28011641" target="\_blank">28011641</a>).

#### **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**

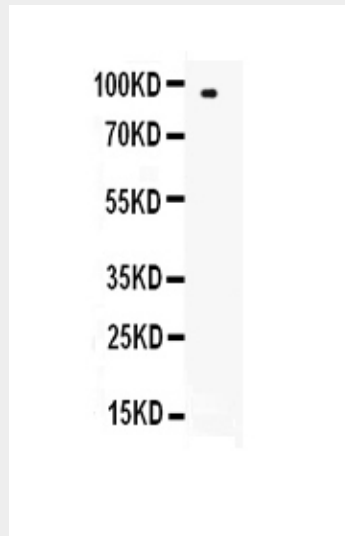


Figure 1. Western blot analysis of CD62L using anti-CD62L antibody (ABO12873).

#### **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