

Datasheet for ABIN5518954
anti-L-Selectin antibody (AA 39-151)



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1 Image

Overview

Quantity:	100 µg
Target:	L-Selectin (SELL)
Binding Specificity:	AA 39-151
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This L-Selectin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-CD62L/SELL Antibody Picoband®
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.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-CD62L/SELL Antibody Picoband® (ABIN5518954). Tested in ELISA, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	L-Selectin (SELL)
Alternative Name:	SELL (SELL Products)
Background:	Synonyms: 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, Tissue Specificity: 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, slowing leukocyte trafficking through the blood, and facilitating entry into a secondary lymphoid organ at that point.
Molecular Weight:	90 kDa
Gene ID:	6402
UniProt:	P14151

Application Details

Application Notes:	ELISA, 0.1-0.5 µg/mL, -, Western blot, 0.1-0.5 µg/mL, Human, 1. "Entrez Gene: SELL selectin L (lymphocyte adhesion molecule 1)". 2. Cotran, Kumar, Collins (1998). Robbins Pathologic Basis of Disease. Philadelphia: W.B Saunders Company.
Comment:	We recommend Enhanced Chemiluminescent Kit with anti-Rabbit IgG (ABIN921124) for Western blot.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

Handling

Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of CD62L using anti-CD62L antibody . Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. Lane 1: recombinant human CD62L protein 1ng. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-CD62L antigen affinity purified polyclonal antibody (Catalog #) at 0.5 µg/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for CD62L at approximately 90KD. The expected band size for CD62L is at 60KD.