

Anti-CD62L/SELL Antibody Picoband™

Catalog Number: PB9389

About SELL

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.

Overview

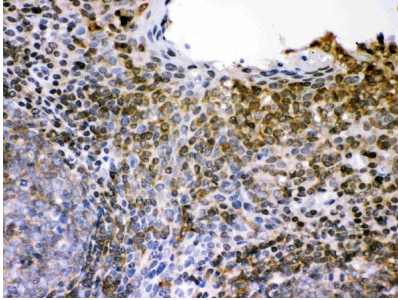
Product Name	Anti-CD62L/SELL Antibody Picoband™
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CD62L/SELL Antibody Picoband™ catalog # PB9389. Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Storage Instructions	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.
Host	Rabbit
Uniprot ID	P14151

Technical Details

Immunogen	E. coli-derived human L-selectin recombinant protein (Position: W39-Y372). Human L-selectin shares 77.5 % and 78.7 % amino acid (aa) sequence identity with mouse and rat L-selectin, respectively.
Predicted Reactive Species	Hamster
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG

Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human, By Heat ELISA , 0.1-0.5ug/ml, Human, - Western blot, 0.1-0.5ug/ml, Human, Mouse, Rat

Anti-CD62L/SELL Antibody Picoband™ (PB9389) Images



Anti-L-selectin Picoband antibody, PB9389, IHC(P)
IHC(P): Human Tonsil Tissue



Anti-L-selectin Picoband antibody, PB9389, Western blotting

All lanes: Anti L-selectin (PB9389) at 0.5ug/ml

Lane 1: Human Placenta Tissue Lysate at 50ug

Lane 2: JURKAT Whole Cell Lysate at 40ug

Lane 3: CEM Whole Cell Lysate at 40ug

Lane 4: HL60 Whole Cell Lysate at 40ug

Lane 5: Rat Spleen Tissue Lysate at 50ug

Lane 6: Mouse Spleen Tissue Lysate at 50ug

Predicted bind size: 42KD

Observed bind size: 42KD

2 Publications Citing This Product

1. PubMed ID: 33253822, Pearse DD, Anthony Otero P, Diaz A, Pan X, Ghosh M. Neuronal and endothelial transglutaminase-2 expression during experimental autoimmune encephalomyelitis and multiple sclerosis. Neuroscience. 2020 Nov 27:S0306-4522(20)30756-9. doi:

10.1016/j.neuroscienc

2. PubMed ID: 25822027, HIV-1 Nef and Vpu Interfere with L-Selectin (CD62L) Cell Surface Expression To Inhibit Adhesion and Signaling in Infected CD4+ T Lymphocytes

Visit [bosterbio.com/anti-l-selectin-picoband-trade-antibody-pb9389-boster.html](https://www.bosterbio.com/anti-l-selectin-picoband-trade-antibody-pb9389-boster.html) to see all 2 publications.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-CD62L/SELL Antibody™