

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

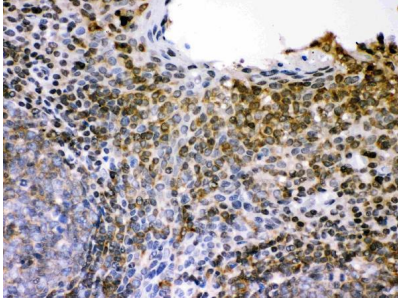
Product Name	Anti-CD62L/SELL Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CD62L/SELL Antibody Picoband® catalog # PB9389. Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that 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.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , and 0.05 mg NaN ₃ . *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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.
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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	Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human ELISA, 0.1-0.5ug/ml, - 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;50306-4522(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

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