

Anti-CD62P/SELP Antibody Picoband®

Catalog Number: PA1715

About SELP

P-Selectin, also called CD62, GRMP, GMP140 is a 140-kD adhesion molecule, expressed at the surface of activated cells, that mediates the interaction of activated endothelial cells or platelets with leukocytes. The P-Selectin gene is mapped on 1q24.2. P-selectin plays an essential role in the initial recruitment of leukocytes (white blood cells) to the site of injury during inflammation. P-selectin is also very important in the recruitment and aggregation of platelets at areas of vascular injury. In quiescent platelet, P-selectin is located on the inner wall of alpha-granules. Sorting nexin-17 interacts with the cytosolic domain of P-selectin and suggested that SNX17 may function in the intracellular trafficking of P-selectin. P-selectin expression was found to be significantly and positively correlated with carotid artery stiffness and wall thickness, and the percentage of P-selectin-positive platelets was significantly higher in patients with carotid plaque.

Overview

Product Name	Anti-CD62P/SELP Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-CD62P/SELP Antibody catalog # PA1715. Tested in IHC, 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.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg 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	P16109

Technical Details

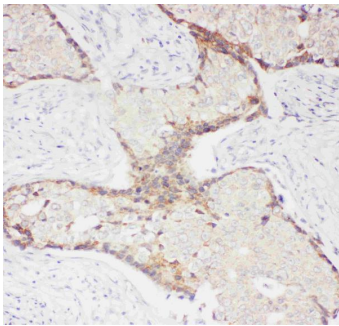
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human CD62P.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).

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 Western blot, 0.1-0.5ug/ml, Human

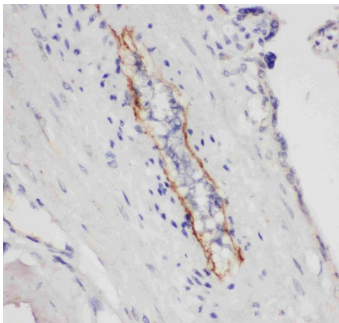
Anti-CD62P/SELP Antibody Picoband® (PA1715) Images



Anti-CD62P antibody, PA1715, Western blotting All lanes: Anti CD62P (PA1715) at 0.5ug/ml WB: PANC Whole Cell Lysate at 40ug Predicted bind size: 91KD Observed bind size: 140KD



Anti-CD62P antibody, PA1715, IHC(P) IHC(P): Human Mammary Cancer Tissue



Anti-CD62P antibody, PA1715, IHC(P) IHC(P): Human Placenta Tissue

2 Publications Citing This Product

1. PubMed ID: 33253922, Shu G, Lu C, Wang Z, Du Y, Xu X, Xu M, Zhao Z, Chen M, Dai Y, Weng Q, Fang S, Fan K, Liu D, Du Y, Ji J. Fucoidan-based micelles as P-selectin targeted carriers for synergistic treatment of acute kidney injury. *Nanomedicine*. 2020 Nov 27;102342. doi:10.1016/j.nano.2020.10
2. PubMed ID: 24734087, Plasma Vitamin D Status and Its Correlation with Risk Factors of Thrombosis, P-selectin and hs-CRP Level in Patients with Venous Thromboembolism; the First Study of Iranian Population

Visit bosterbio.com/anti-cd62p-antibody-pa1715-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-CD62P/SELP Antibody

For Research Use Only. Not for use in diagnostic procedures.