

## Anti-CD62P/SELP Antibody Picoband® Fluoro594 Conjugated

Catalog Number: PA1715-Fluoro594

### 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® Fluoro594 Conjugated
Reactive Species	Human
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P16109

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human CD62P.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm

Suggested Dilutions

Flow Cytometry, Optimal dilutions should be determined by end users.

## 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](https://bosterbio.com/anti-cd62p-antibody-pa1715-boster.html) to see all 2 publications.

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