

## Anti-Hu CD62P Purified SELP Monoclonal Antibody

Catalog Number: M01241-1

### About SELP

CD62P (P-selectin) is an adhesion glycoprotein that is expressed on platelets and endothelial cells upon their activation. Interaction between CD62P and its mucin-like ligand PSGL-1 (P-selectin glycoprotein ligand-1) expressed on the microvilli of most leukocytes supports leukocyte rolling along postkapillary venules at the earliest time of inflammation. Both CD62P and PSGL-1 are extended glycoproteins that form homodimers. CD62P dimerization is probably mediated through interactions of the transmembrane domains and stabilizes leukocyte tethering and rolling, probably by increasing rebinding within a bond cluster.

### Overview

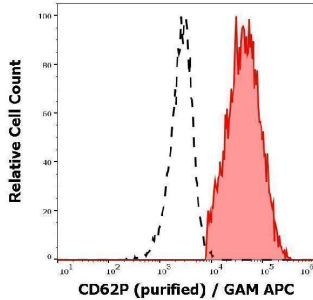
|                      |  |
|----------------------|--|
| Product Name         | Anti-Hu CD62P Purified SELP Monoclonal Antibody  |
| Reactive Species     | Human, Primate   |
| Description          | Boster Bio Anti-Hu CD62P Purified SELP Monoclonal Antibody (Catalog# M01241-1). Tested in Flow Cytometry, IP, WB, ICC, IHC-F application(s). This antibody reacts with Human, Primate. |
| Application          | Flow Cytometry, IP, IHC-F, ICC, WB   |
| Clonality            | Monoclonal AK4   |
| Formulation          | Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide  |
| Storage Instructions | Store at 2-8°C. Do not freeze.   |
| Host                 | Mouse  |
| Uniprot ID           | P16109   |

### Technical Details

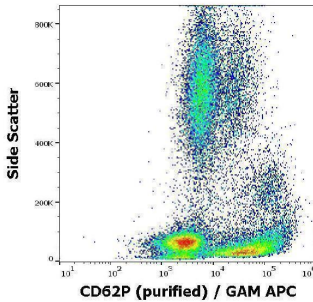
|                            |  |
|----------------------------|--|
| Immunogen                  | Human platelets. The antibody AK4 recognizes an extracellular epitope of CD62P (P-selectin), a 140 kD single chain type I transmembrane glycoprotein present in secretory alpha-granules in platelets, in Weibel-Palade bodies in endothelial cells and in megakaryocytes; it is relocated to the plasma membrane upon activation. |
| Predicted Reactive Species | Primate  |
| Isotype                    | Mouse IgG1 kappa   |
| Form                       | Liquid   |
| Concentration              | 1 mg/ml  |
| Purification               | Purified by protein-A affinity chromatography.   |
| Suggested Dilutions        | Flow cytometry: 1.5 ug/ml.   |



## Anti-Hu CD62P Purified SELP Monoclonal Antibody (M01241-1) Images



Separation of human thrombocytes (red-filled) from CD62P negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD62P (AK4) purified antibody (concentration in sample 1 µg/ml) GAM APC.



Flow cytometry surface staining pattern of human peripheral blood stained using anti-human CD62P (AK4) purified antibody (concentration in sample 1 µg/ml) GAM APC.

### 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-Hu CD62P Purified SELP Monoclonal Antibody

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