

P-Selectin Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10477**Specification**

P-Selectin Antibody - Product Information

Application	WB, IHC
Primary Accession	Q01102
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	83099

P-Selectin Antibody - Additional Information**Gene ID** 20344**Application & Usage****Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. Jurkat cell lysate can be used as a positive control.****Other Names**

SELPLG , CLA , PSGL-1 , CD162 , PSGL1

Target/Specificity

P-Selectin

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5mg/ml) affinity purified rabbit anti-P-Selectin polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

P-Selectin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

P-Selectin Antibody - Protein Information

Name Selp

Synonyms Grmp

Function

Ca(2+)-dependent receptor for myeloid cells that binds to carbohydrates on neutrophils and monocytes. Mediates the interaction of activated endothelial cells or platelets with leukocytes. The ligand recognized is sialyl-Lewis X. Mediates rapid rolling of leukocyte rolling over vascular surfaces during the initial steps in inflammation through interaction with SELPLG.

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:P16109}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:P16109}

Tissue Location

Stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. Upon cell activation by agonists, P-selectin is transported rapidly to the cell surface

P-Selectin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

P-Selectin Antibody - Images

P-Selectin Antibody - Background

Selectins are a family of carbohydrate-binding proteins involved in mediating cellular interactions with leukocytes. E-Selectin (also called ELMA-1) expressed on endothelial cells. L-Selectin (also called LECAM-1) is expressed on the majority of B and naïve T cells and on most monocytes, neutrophils and eosinophils. P-Selectin (also called GMP-140) expressed on activated platelets and endothelial cells. Selectins interact with specific carbohydrates expressed by activated endothelial cells, monocytes, and neutrophils.