

P-Selectin Blocking Peptide
Catalog # PBV10280b**Specification**

P-Selectin Blocking Peptide - Product Information

Primary Accession	Q01102
Other Accession	6401
Gene ID	20344
Calculated MW	83099

P-Selectin Blocking Peptide - Additional Information**Gene ID** 20344**Application & Usage**

The peptide is used for blocking the antibody activity of P-Selectin. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Other Names

P-selectin, CD62 antigen-like family member P, Granule membrane protein 140, GMP-140, Leukocyte-endothelial cell adhesion molecule 3, LECAM3, Platelet activation dependent granule-external membrane protein, PADGEM, CD62P, Selp, Grmp

Target/Specificity

P-Selectin

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 0.5% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

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

P-Selectin Blocking Peptide - 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 Blocking Peptide - 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 Blocking Peptide - Images