

SELPLG Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP10468b**Specification**

SELPLG Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [O14242](#)
Other Accession [NP_002997.1](#)

SELPLG Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 6404

Other Names

P-selectin glycoprotein ligand 1, PSGL-1, Selectin P ligand, CD162, SELPLG

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SELPLG Antibody (C-term) Blocking Peptide - Protein Information

Name SELPLG

Function

A SLe(x)-type proteoglycan, which through high affinity, calcium-dependent interactions with E-, P- and L-selectins, mediates rapid rolling of leukocytes over vascular surfaces during the initial steps in inflammation. Critical for the initial leukocyte capture.

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

Expressed on neutrophils, monocytes and most lymphocytes

SELPLG Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SELPLG Antibody (C-term) Blocking Peptide - Images**SELPLG Antibody (C-term) Blocking Peptide - Background**

SELPLG is the high affinity counter-receptor for P-selectin on myeloid cells and stimulated T lymphocytes. As such, it plays a critical role in the tethering of these cells to activated platelets or endothelia expressing P-selectin. The organization of the SELPG gene closely resembles that of CD43 and the human platelet glycoprotein GpIb-alpha both of which have an intron in the 5-prime-noncoding region, a long second exon containing the complete coding region, and TATA-less promoters.

SELPLG Antibody (C-term) Blocking Peptide - References

Elmas, E., et al. J. Cardiovasc. Electrophysiol. 21(11):1260-1265(2010) Luan, S.L., et al. J. Pathol. 222(2):166-179(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Russo, H.M., et al. Circ. Res. 107(3):388-397(2010) Dick, D.M., et al. Mol. Psychiatry (2010) In press :