
CD62P Peptide

Subcategory: Synthetic Peptide, Blocking Peptide

Cat. No.: 300105

Unit: 0.1 mg

Description:

CD62P (P-Selectin) is a Ca²⁺-dependent receptor for myeloid cells that binds to carbohydrates on neutrophils and monocytes. CD62P mediates the interaction of activated endothelial cells or platelets with leukocytes. The ligand for CD62P is sialyl-Lewis X. Activation of CD62P mediates leukocyte rolling over vascular surfaces during the initial steps in inflammation through interaction with PSGL1. Defects in CD62P have been linked to an increased susceptibility to ischemic stroke.

Format: Each vial contains 0.1 ml peptide in deionized water for a final concentration of 1 mg/ml. Use at 5.6 ug/ml for a 100X excess over antibody for maximum blocking effect.

Alternate Names: CD62P; P-selectin; Granule membrane protein 140; GMP-140; PADGEM; Leukocyte-endothelial cell adhesion molecule 3; LECAM3; CD62 antigen-like family member P; SELP

Accession No.: P16109

Sequence: The synthetic peptide used to raise the antibody Cat. No. 251211 is selected from a sequence within the N-term region of human CD62P. For blocking experiments, a 10 to 100 fold molar excess to antibody is recommended.

Purity: Purity > 80% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.