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Product Information

Recombinant Anti-Human SELP Antibody scFv Fragment

Cat. No.: **MOM-18246-S(P)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Human Antibody scFv Fragment is directed against Human selectin P, expressed in E. coli

Antigen Description

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 PSGL1.

Target

selectin P

Immunogen

CD62P transfected 300.19 cells (Human)

Source

Human

Species Reactivity

Human

Type

scFv Fragment from Human IgG4 - kappa

Expression Host

E. coli

Purity

>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

Applications

Suitable for use in ELISA, WB, Neut and most other immunological methods.

Storage

Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

ANTIGEN GENE INFOMATION

Gene Name

SELP selectin P (granule membrane protein 140kDa, antigen CD62) [Homo sapiens]

Official Symbol

SELP

Synonyms

SELP; selectin P (granule membrane protein 140kDa, antigen CD62); GRMP, selectin P (granule membrane protein 140kD, antigen CD62); P-selectin; CD62; CD62P; GMP140; PADGEM; PSEL; GMP-140; granule membrane protein 140; granulocyte membrane protein; CD62 antigen-like family member P; platelet alpha-granule membrane protein; leukocyte-endothelial cell adhesion molecule 3; platelet activation dependent granule-external membrane protein; GRMP; LECAM3; FLJ45155;

Gene ID

6403

mRNA Refseq

NM_003005

Protein Refseq

NP_002996

UniProt ID

P16109

Chromosome Location

1q22-q25

Pathway

Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Hemostasis, organism-specific biosystem; IL-3 Signaling Pathway, organism-specific biosystem; IL4-mediated signaling events, organism-specific biosystem; Malaria, organism-specific biosystem;

Function

calcium-dependent protein binding; eukaryotic cell surface binding; fucose binding; glycoprotein binding; glycosphingolipid binding; heparin binding; lipopolysaccharide binding; oligosaccharide binding; protein binding; sialic acid binding; sugar binding;

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