

Product Information

Recombinant Anti-Human selpIg Antibody

Cat. No.: **MOM-18610**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody binds selectively to Human SELPLG, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

A SLe(x)-type glycan, 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. PSGL1 is critical for the initial leukocyte capture.

Specific Activity

Tested positive against native antigen.

Target

SELPLG

Immunogen

The details of the immunogen for this antibody are not available.

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

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

Applications

Suitable for use in Neut, ELISA, IF, IP, FuncS, FC, ICC and most other immunological methods.

Storage

Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing of samples.

ANTIGEN GENE INFORMATION

Gene Name

[SELPLG selectin P ligand \[Homo sapiens \]](#)

Official Symbol

SELPLG

Synonyms

SELPLG; selectin P ligand; P-selectin glycoprotein ligand 1; CD162; PSGL 1; cutaneous lymphocyte-associated associated antigen; CLA; PSGL1; PSGL-1;

Gene ID

[6404](#)

mRNA Refseq

[NM_001206609](#)

Protein Refseq

[NP_001193538](#)

MIM

[600738](#)

UniProt ID

Q14242

Chromosome Location

12q24

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; Staphylococcus aureus infection, organism-specific biosystem; Staphylococcus aureus infection, conserved biosystem; amb2 Integrin signaling, organism-specific biosystem;

Function

bacterial cell surface binding; protein binding; receptor binding;