

For Research Use Only

FcZero-rAb™ CoraLite® Plus 488 Anti-Human SELPLG/CD162 Rabbit Recombinant Antibody

Catalog Number: CL488-FcA98084



Basic Information

Catalog Number:

CL488-FcA98084

Concentration:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC029782

GeneID (NCBI):

6404

Full Name:

selectin P ligand

Calculated MW:

412 aa, 43 kDa

Purification Method:

Protein A purification

CloneNo.:

241297F10

Recommended Dilutions:

FC: 5 µl per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human peripheral blood leukocytes,

Background Information

SELPLG (selectin P ligand), also known as CD162 or PSGL-1, is a 120 kDa type I transmembrane mucin-like glycoprotein. It is an adhesion molecule expressed on the surface of neutrophils, monocytes, and most lymphocytes as a homodimer of approximately 230-250 kDa (PMID: 7545173; 1378449; 9353350). SELPLG plays a critical role in the early stages of inflammation due to its ability to bind E-selectin (CD62E), L-selectin (CD62L), and P-selectin (CD62P) (PMID: 35597982).

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:

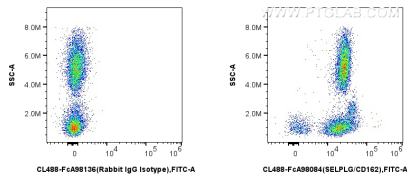
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human peripheral blood leukocytes were surface stained with 5 ul CoraLite® Plus 488 Anti-Human SELPLG/CD162 Rabbit RecAb (CL488-FcA98084, Clone: 241297F10) or CoraLite® Plus 488 Rabbit IgG Isotype Control RecAb (CL488-FcA98136, Clone: 240953C9). Cells were not fixed.