

For Research Use Only

# CoraLite® Plus 488 Anti-Mouse P-Selectin/CD62P Rabbit Recombinant Antibody

Catalog Number: CL488-98302-2



## Basic Information

Catalog Number:

CL488-98302-2

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0691

GenBank Accession Number:

NM\_011347.2

GeneID (NCBI):

20344

UNIPROT ID:

Q01102

Full Name:

selectin, platelet

Calculated MW:

83 kDa

Purification Method:

Protein A purification

CloneNo.:

240766F5

Recommended Dilutions:

FC: 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

491 nm / 516 nm

## Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : Thrombin treated mouse peripheral blood platelets,

## Background Information

P-selectin, also known as GMP140 or CD62P, is a transmembrane glycoprotein that mediates the interaction of activated endothelial cells or platelets with leukocytes. It is an adhesion molecule involved in the pathogenesis of inflammation, thrombosis, and oncogenesis. P-selectin is stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. Upon cell activation by agonists, P-selectin is transported rapidly to the cell surface.

## 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, pH7.3

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

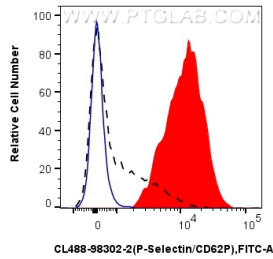
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



$1 \times 10^6$  thrombin-treated mouse peripheral blood platelets were surface stained with 0.25 ug CoraLite® 488 Anti-Mouse P-Selectin/CD62P Rabbit RecAb (CL488-98302-2, Clone: 240766F5) (red) or 0.25 ug CoraLite® Plus 488 Rabbit IgG Isotype Control RecAb (CL488-98136, Clone: 240953C9) (blue).  $1 \times 10^6$  untreated mouse peripheral blood platelets were surface stained with 0.25 ug CoraLite® 488 Anti-Mouse P-Selectin/CD62P Rabbit RecAb (CL488-98302-2, Clone:

