

For Research Use Only

# FcZero-rAb® Biotin Anti-Human P-Selectin/CD62P (AK4) Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA65587



## Basic Information

Catalog Number:

Biotin-FcA65587

Size:

100ug , 500 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC028067

GeneID (NCBI):

6403

UNIPROT ID:

P16109

Full Name:

selectin P (granule membrane protein 140kDa, antigen CD62)

Calculated MW:

830 aa, 91 kDa

Purification Method:

Protein A purification

CloneNo.:

AK4

Recommended Dilutions:

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

Excitation/Emission maxima wavelengths:

-

## Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : Thrombin treated human 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

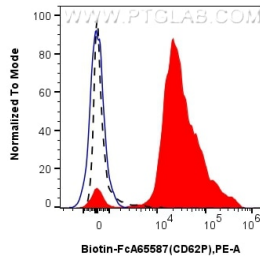
For technical support and original validation data for this product please contact:

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## Selected Validation Data



$1 \times 10^6$  thrombin-treated human peripheral blood platelets were surface stained with 0.25  $\mu$ g Biotin Anti-Human CD62P (AK4) Rabbit IgG RecAb (Biotin-FcA65587, Clone: AK4) (red) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue), and Streptavidin-PE Conjugate (PE-PF00030).  $1 \times 10^6$  untreated human peripheral blood platelets were surface stained with 0.25  $\mu$ g Biotin Anti-Human

