

For Research Use Only

# PE Anti-Human CD62P (AK4) Mouse IgG2a Recombinant Antibody

Catalog Number: PE-65587



## Basic Information

Catalog Number:

PE-65587

Size:

100 tests, 5 ul/test

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

BC028067

GeneID (NCBI):

6403

Full Name:

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

Calculated MW:

830 aa, 91 kDa

Purification Method:

Protein A purification

CloneNo.:

AK4

Excitation/Emission maxima

wavelengths:

496 nm, 565 nm / 578 nm

## Applications

Tested Applications:

FC

Species Specificity:

human

## 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 and 0.5% BSA.

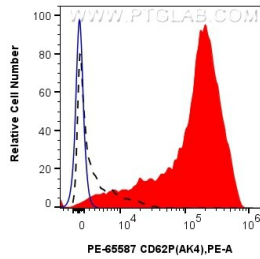
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> thrombin treated human peripheral blood platelets were surface stained with 5 ul PE Anti-Human CD62P (AK4) Mouse IgG2a Recombinant Antibody (PE-65587, Clone: AK4) (red), or PE Mouse IgG2a Isotype Control (C1.18.4) (PE-65208, Clone: C1.18.4) (blue). 1x10<sup>6</sup> untreated human peripheral blood platelets were surface stained with 5 ul PE Anti-Human CD62P (AK4) Mouse IgG2a Recombinant Antibody (PE-65587, Clone: AK4) (black). Cells were not fixed.