

For Research Use Only

# Anti-Human CD62P (AK4)

Catalog Number: 65164-1-Ig



## Basic Information

Catalog Number:

65164-1-Ig

Size:

100ug, 0.5 mg/ml

Source:

Mouse

Isotype:

IgG1, kappa

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 G purification

CloneNo.:

AK4

Recommended Dilutions:

FC: 0.2 ug per 10<sup>6</sup> cells in 100 µl  
suspension

## Applications

Tested Applications:

FC

Species Specificity:

Human, Non-human primates

Positive Controls:

FC : 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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

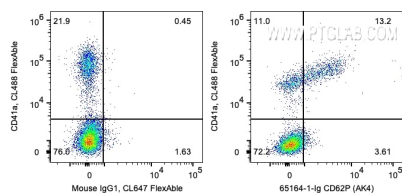
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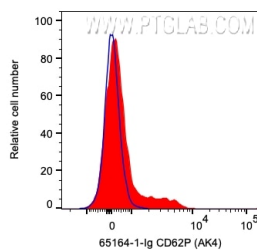
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## Selected Validation Data



1X10<sup>6</sup> thrombin-activated human peripheral blood platelets were surface co-stained with Anti-Human CD41a labeled with FlexAble CL488 and 0.2 ug Anti-Human CD62P (65164-1-Ig, Clone:AK4) labeled with FlexAble CL647. Cells were not fixed.



1X10<sup>6</sup> thrombin-activated human peripheral blood platelets were surface stained with 0.2 ug Anti-Human CD62P (65164-1-Ig, Clone:AK4) labeled with FlexAble CL647. Cells were not fixed.