

For Research Use Only

# Atlantic Blue™ Anti-Human CD62P (AK4)



Catalog Number: AB-65164

## Basic Information

**Catalog Number:**

AB-65164

**Size:**

100 tests, 5 µl/test

**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:**

Purified by protein-A affinity chromatography

**CloneNo.:**

AK4

**Excitation/Emission maximum wavelengths:**

404 nm / 458 nm

## Applications

**Tested Applications:**

FC

**Species Specificity:**

Human, Non-human primates

## 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:

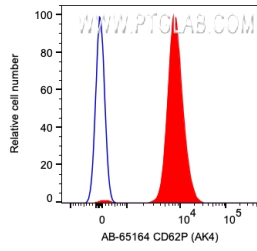
T: 4006900926

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

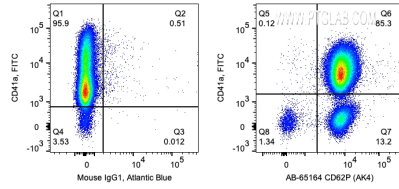
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



$1 \times 10^6$  human peripheral blood platelets were surface stained with 5  $\mu$ l Atlantic Blue™ Anti-Human CD62P (AB-65164, Clone:AK4) or Mouse IgG1 Isotype Control. Cells were not fixed.



$1 \times 10^6$  human peripheral blood platelets were surface co-stained with FITC Anti-Human CD41a and 5  $\mu$ l Atlantic Blue™ Anti-Human CD62P (AB-65164, Clone:AK4) or Mouse IgG1 Isotype Control. Cells were not fixed.