

FITC Plus Anti-Human CD62P (AK4)

Catalog Number: FITC-65164

Basic Information

Catalog Number:

FITC-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:

The purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.

CloneNo.:

AK4

Excitation/Emission maxima wavelengths:

495 nm / 524 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

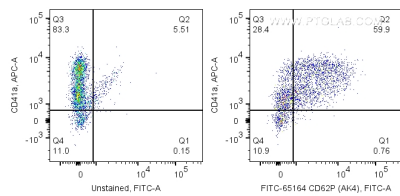
Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide.

Selected Validation Data



Thrombin-activated human peripheral blood platelets were surface co-stained with APC Anti-Human CD41a and 5 ul FITC Anti-Human CD62P (FITC-65164, Clone: AK4) or unstained. Cells were not fixed.