

For Research Use Only

FITC Anti-human CD61 (VIPL2)

Catalog Number: FITC-65185



Basic Information

Catalog Number:

FITC-65185

Size:

100tests, Concentration: 4 µl/test by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

Mouse IgG1 kappa

GenBank Accession Number:

BC127666

GeneID (NCBI):

3690

Full Name:

integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)

Calculated MW:

788 aa, 87 kDa

Purification Method:

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

CloneNo.:

VIPL2

Applications

Tested Applications:

FC

Species Specificity:

Human, Non-human primates

Background Information

CD61 is a 110-kDa membrane glycoprotein that is also termed integrin $\beta 3$ chain or GPIIIa. CD61 can associate with integrin αV chain (CD51) or integrin αIIb chain (CD41, GPIIb) to form heterodimeric receptors for cytotactin, fibronectin, fibrinogen, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, plasminogen, prothrombin, thrombospondin, vitronectin and von Willebrand factor (PMID: 7694604; 9251239; 2018971; 20628538). Integrin $\alpha V\beta 3$ (CD51-CD61) is present on endothelium, smooth muscle, osteoclasts, platelets, some fibroblasts, some activated leukocytes and tumor cells (PMID: 7694604). GPIIb-IIIa (CD41-CD61) is restricted in distribution to platelets and cells of megakaryoblastic potential and is required for platelet aggregation (PMID: 2018971; 16322781).

Storage

Storage:

Store at 2-8°C. Avoid exposure to light.

Storage Buffer:

PBS with 0.1% sodium azide.

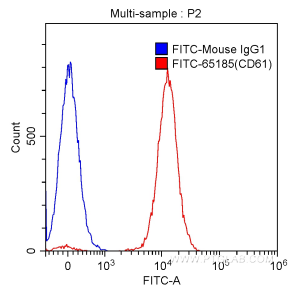
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ human peripheral blood platelets were surface stained with 4.00 ul/test FITC Anti-Human CD61 (FITC-65185, Clone:VIPL2) (red) or isotype control antibody (blue). Samples were not fixed.