

PE Anti-Human CD61 (VIPL2)

Catalog Number: PE-65185

Basic Information

Catalog Number:

PE-65185

Size:

100 tests, 10 μ l/test

Source:

Mouse

Isotype:

IgG1, kappa

GenBank Accession Number:

BC127666

GeneID (NCBI):

3690

UNIPROT ID:

P05106

Full Name:

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

Calculated MW:

788 aa, 87 kDa

Purification Method:

The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.

CloneNo.:

VIPL2

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

FC

Species Specificity:

Human, Non-human primates

Background Information

CD61 is a 110-kDa membrane glycoprotein that is also termed integrin β 3 chain or GPIIIa. CD61 can associate with integrin α V chain (CD51) or integrin α IIb 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 α V β 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

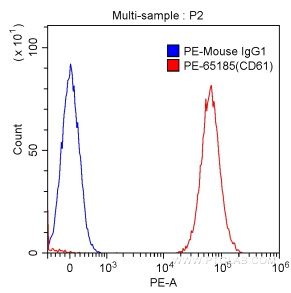
Storage:

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

Storage Buffer:

PBS with 0.1% sodium azide.

Selected Validation Data



1X10⁶ human peripheral blood platelets were surface stained with 10.00 ul/test PE Anti-Human CD61 (PE-65185, Clone:VIPL2) (red) or isotype control antibody (blue). Cells were not fixed.