

For Research Use Only

APC Anti-Human CD61 (VIPL2)

Catalog Number: APC-65185

1 Publications



Basic Information

Catalog Number:

APC-65185

Size:

100 tests, 10 µl/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 allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.

CloneNo.:

VIPL2

Recommended Dilutions:

FC: 10 µl per 10⁶ cells in 100 µl suspension

Excitation/Emission maximum wavelengths:

650 nm / 660 nm

Applications

Tested Applications:

FC

Cited Applications:

FC

Species Specificity:

human, non-human primates

Positive Controls:

FC : human peripheral blood platelets,

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Hao Wang	38395907	J Ovarian Res	FC

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, pH7.3

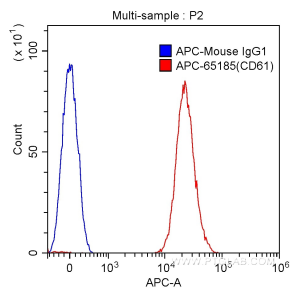
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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 10.00 ul/test APC Anti-Human CD61 (APC-65185, Clone:VIPL2) (red) or isotype control antibody (blue). Cells were not fixed.