

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  $\mu$  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 allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.

**CloneNo.:**

VIPL2

**Excitation/Emission maxima wavelengths:**

650 nm / 660 nm

## Applications

**Tested Applications:**

FC

**Cited 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  $\alpha$  V chain (CD51) or integrin  $\alpha$  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  $\alpha$  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).

## 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 0.1% sodium azide.

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

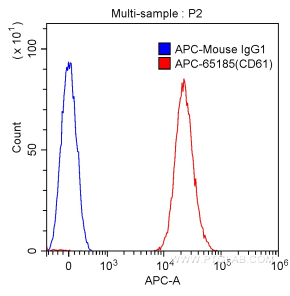
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

## Selected Validation Data



1X10<sup>6</sup> 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.