

# 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

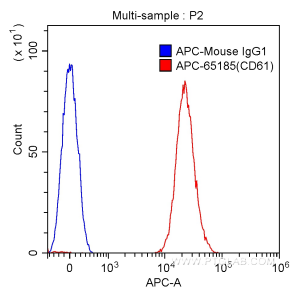
## Storage:

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

## Storage Buffer:

PBS with 0.1% sodium azide.

## 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.