

For Research Use Only

# Anti-Human CD61 (VIPL2)

Catalog Number: 65185-1-Ig **1 Publications**



## Basic Information

### Catalog Number:

65185-1-Ig

### Size:

100ug, 1 mg/ml

### 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:

Purified by protein-A affinity chromatography

### CloneNo.:

VIPL2

## Applications

### Tested Applications:

FC

### Cited Applications:

IF

### Species Specificity:

human, non-human primates

### Cited Species:

human

## 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
Peng Xu	37349902	Small Methods	IF

## Storage

### Storage:

Store at 2-8°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.1% sodium azide.

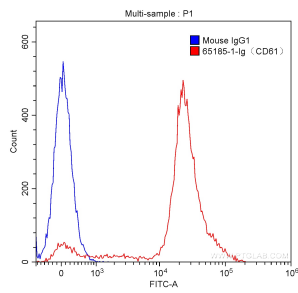
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## Selected Validation Data



Human peripheral blood platelets were surface stained with Purified Anti-Human CD61 (65185-1-Ig, Clone:VIPL2) (red) or Mouse IgG1 Isotype Control (66360-1-Ig, Clone: T1F8D3F10) (blue) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000. Cells were not fixed.