

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.

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

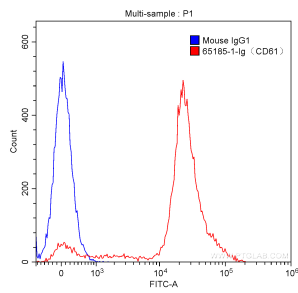
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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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.