

For Research Use Only

# Anti-Human CD61 (VIPL2)

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



## Basic Information

<b>Catalog Number:</b> 65185-1-Ig	<b>GenBank Accession Number:</b> BC127666	<b>Purification Method:</b> Purified by protein-A affinity chromatography
<b>Size:</b> 100ug, 1 mg/ml	<b>GeneID (NCBI):</b> 3690	<b>CloneNo.:</b> VIPL2
<b>Source:</b> Mouse	<b>Full Name:</b> integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)	
<b>Isotype:</b> Mouse IgG1 kappa	<b>Calculated MW:</b> 788 aa, 87 kDa	

## 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

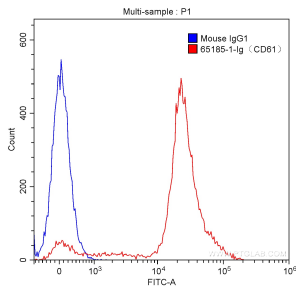
**Storage:**  
Store at 2-8°C.

**Storage Buffer:**  
PBS with 0.1% sodium azide.

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