

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD61 / Integrin Beta 3



Numéro de catalogue: 66952-1-Ig

Phare

5 Publications

## Informations de base

<b>Numéro de catalogue:</b> 66952-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC127666	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 150ul , Concentration: 1800 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 3690	<b>CloneNo.:</b> 3D8E5
<b>Hôte:</b> Mouse	<b>Nom complet:</b> integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)	<b>Dilutions recommandées:</b>
<b>Isotype:</b> IgG2b	<b>MW calculé</b> 788 aa, 87 kDa	
<b>Immunogen Catalog Number:</b> AG27834	<b>MW observés:</b> 100-110 kDa	

## Applications

### Applications testées:

WB, ELISA

### Demandes citées:

IHC, IP, WB

### Spécificité de l'espèce:

Humain

### Espèces citées:

Humain, souris

### Contrôles positifs:

WB : cellules HUVEC, tissu placentaire humain

## Informations générales

Integrin beta-3, also named as CD61 and GPIIIa, is a receptor for cytotactin, fibronectin, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin, vitronectin and von Willebrand factor. Integrin beta-3 recognize the sequence R-G-D in a wide array of ligands and the sequence H-H-L-G-G-A-K-Q-A-G-D-V in fibrinogen gamma chain. Following activation integrin beta-3 brings about platelet/platelet interaction through binding of soluble fibrinogen which leads to rapid platelet aggregation which physically plugs ruptured endothelial surface. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions. Human integrin beta-3 has a calculated molecular weight of 87 kDa. As a result of glycosylation, the apparent molecular mass of integrin beta-3 is approximately 90-110 kDa.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Hiroyuki Yamato	34702952	Sci Rep	WB,IHC
Junxin Mai	35597930	BMC Biotechnol	WB,IP
Xian Tang	33750407	Reprod Biol Endocrinol	WB

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

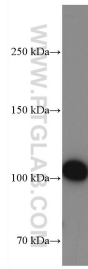
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## Données de validation sélectionnées



HUVEC cells were subjected to SDS PAGE followed by western blot with 66952-1-Ig (CD61 / Integrin Beta 3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.