

Mouse anti-Human Integrin beta 3 Monoclonal Antibody | anti-ITGB3 antibody

Integrin beta 3 Antibody

CATALOG # AAA111274	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot
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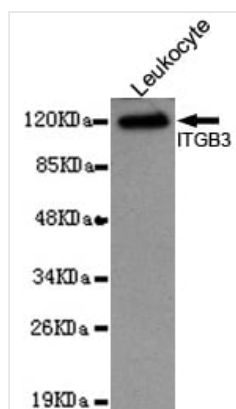
PRODUCT SYNONYMS

Integrin beta 3; Monoclonal Antibody; Integrin beta 3 Antibody; BDPLT2; CD 61; CD61; CD61 antigen; GP3A; GPIIIa; GT; HPA 1; HPA 4; Integrin beta 3 (platelet glycoprotein IIIa antigen CD61); Integrin beta chain beta 3; Integrin beta-3; ITB3_HUMAN; ITG B3; ITGB 3; ITGB3; NAIT; Platelet fibrinogen receptor beta subunit; Platelet glycoprotein IIIa; platelet glycoprotein IIIa precursor; Platelet membrane glycoprotein IIIa; PTP; anti-ITGB3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Specificity	This antibody detects endogenous levels of ITGB3 and does not cross-react with related proteins.
Purity/Purification	Affinity purified
Form/Format	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50%, glycerol
Sequence Length	788
Applicable Applications for anti-ITGB3 antibody	WB (Western Blot)
Immunogen	Purified recombinant human ITGB3 protein fragments expressed in E Coli.
Cellular Localization	Nucleus

IMAGES



Application Data

Western blot detection of ITGB3 in Leukocyte whole cell lysate(1:1000 diluted). Predicted band size:120KDa. Observed band size:120KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGB3 antibody	UniPort Summary Function: Integrin alpha-V/beta-3 is a receptor for cytotactin, fibronectin, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin, vitronectin and von Willebrand factor. Integrin alpha-IIb/beta-3 is a receptor for fibronectin, fibrinogen, plasminogen, prothrombin, thrombospondin and vitronectin. Integrins alpha-IIb/beta-3 and alpha-V/beta-3 recognize the sequence R-G-D in a wide array of ligands. Integrin alpha-IIb/beta-3 recognizes the sequence H-H-L-G-G-A-K-Q-A-G-D-V in fibrinogen gamma chain. Following activation integrin alpha-IIb/beta-3 brings about platelet/platelet interaction through binding of soluble fibrinogen. This step 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. Entrez Summary: The ITGB3 protein product is the integrin beta chain beta 3. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. Integrin beta 3 is found along with the alpha IIb chain in platelets. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-ITGB3 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	47078292
NCBI GeneID	3690
NCBI Accession #	NP_000203.2
NCBI GenBank Nucleotide #	NM_000212
UniProt Accession #	P05106; O15495; Q12806; Q13413; Q14648; Q16499; A0PJW2; D3DXJ8
Molecular Weight	120kDa
NCBI Official Full Name	integrin beta-3
NCBI Official Synonym Full Names	integrin subunit beta 3
NCBI Official Symbol	ITGB3
NCBI Official Synonym Symbols	GT; CD61; GP3A; BDPLT2; GPIIIa; BDPLT16
NCBI Protein Information	integrin beta-3
UniProt Protein Name	Integrin beta-3
UniProt Gene Name	ITGB3
UniProt Synonym Gene Names	GP3A; GPIIIa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/integrin-beta-3-antibody-western-blot-elisa/111274>