

Rabbit ITGB3 Polyclonal Antibody | anti-ITGB3 antibody

ITGB3 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285947	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

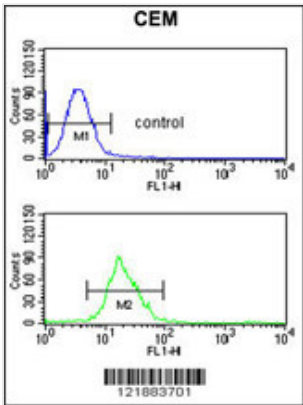
PRODUCT SYNONYMS

ITGB3; Polyclonal Antibody; ITGB3 Antibody (C-term); Integrin beta-3; Platelet membrane glycoprotein IIIa; GPIIIa; CD61; GP3A; anti-ITGB3 antibody

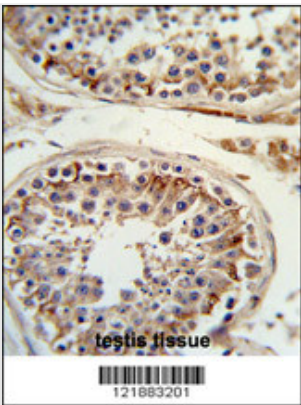
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ITGB3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 734-760 amino acids from the C-terminal region of human ITGB3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	734-760
Sequence Length	788
Applicable Applications for anti-ITGB3 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

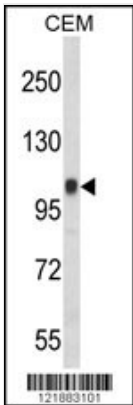
IMAGES



FCM/FACS (Flow Cytometry)
ITGB3 Antibody (C-term) flow cytometric analysis of CEM cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human testis tissue reacted with ITGB3 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of ITGB3 Antibody (C-term) in CEM cell line lysates (35ug/lane). ITGB3 (arrow) was detected using the purified Pab.(2ug/ml)

ADDITIONAL INFORMATION

Related Product Information for anti-ITGB3 antibody	ITGB3 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.
Product Categories/Family for anti-ITGB3 antibody	Cancer; Cardiovascular; Metabolism
References	Wang,R., et.al., J. Clin. Invest. 90 (5), 2038-2043 (1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	47078292
NCBI GeneID	3690
NCBI Accession #	NP_000203.2
NCBI GenBank Nucleotide #	NM_000212.2
UniProt Accession #	P05106; O15495; Q12806; Q13413; Q14648; Q16499; A0PJW2; D3DXJ8
Molecular Weight	87058

NCBI Official Full Name	integrin beta-3
NCBI Official Synonym Full Names	integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)
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
UniProt Entry Name	ITB3_HUMAN

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/itgb3-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285947>