

Rabbit anti-Human CD41 Monoclonal Antibody | anti-CD41 antibody

CD41

CATALOG # AAA268417	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	----------------------------	---

PRODUCT SYNONYMS

CD41; Monoclonal Antibody; Integrin alpha-IIb; GPalpha IIb; Platelet membrane glycoprotein IIb; Integrin alpha-IIb heavy chain; Integrin alpha-IIb light chain; form 1; form 2; anti-CD41 antibody

PRODUCT SPECIFICATIONS

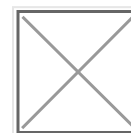
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	JM11-19
Purity/Purification	Protein A affinity purified
Form/Format	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.20% Sodium Azide
Sequence Length	1039
Applicable Applications for anti-CD41 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein.
Positive control	Human placenta tissue lysates, human tonsil tissue, human spleen tissue.
Subcellular location	Membrane.
Preparation and Storage	Aliquot and store at -20°C for 1 year. Avoid repeated freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot detection of CD41 in C6, Hela cell lysates using CD41 antibody(1:1000 diluted).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue with Rabbit anti-CD41 antibody at 1/100 dilution. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody at 1/100 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX



WB (Western Blot)

Western blot analysis of CD41 on human placenta tissue lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:200,000 dilution was used for 1 hour at room temperature.

ADDITIONAL INFORMATION

Related Product Information for anti-CD41 antibody

Integrins are heterodimers composed of noncovalently associated transmembrane alpha and beta subunits. The 16 α and 8 β subunits heterodimerize to produce more than 20 different receptors. Most integrin receptors bind ligands that are components of the extracellular matrix, including Fibronectin, collagen and Vitronectin. Certain integrins can also bind to soluble ligands such as Fibrinogen, or to counterreceptors on adjacent cells such as the intracellular adhesion molecules (ICAMs), leading to aggregation of cells. Ligands serve to cross-link or cluster integrins by binding to adjacent integrin receptors; both receptor clustering and ligand occupancy are necessary for the activation of integrin-mediated responses. In addition to mediating cell adhesion and cytoskeletal organization, integrins function as signaling receptors. Signals transduced by integrins play a role in many biological processes, including cell growth, differentiation, migration and apoptosis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	88758615
NCBI GeneID	3674
NCBI Accession #	NP_000410.2
NCBI GenBank Nucleotide #	NM_000419.4
UniProt Accession #	P08514 ; O95366 ; Q14443 ; Q17R67 ; B2RCY8
Molecular Weight	Predicted band size: 113 kDa
NCBI Official Full Name	integrin alpha-IIb preproprotein
NCBI Official Synonym Full Names	integrin subunit alpha 2b
NCBI Official Symbol	ITGA2B
NCBI Official Synonym Symbols	GT; GTA; CD41; GP2B; HPA3; CD41B; GPIIb; BDPLT2; BDPLT16; PPP1R93
NCBI Protein Information	integrin alpha-IIb
UniProt Protein Name	Integrin alpha-IIb
UniProt Gene Name	ITGA2B
UniProt Synonym Gene Names	GP2B; ITGAB; GPIIb

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/cd41-antibody-clone-jm11-19-immunohistochemistry-western-blot-elisa/268417>