

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

CD41 Antibody

CATALOG # AAA312459	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CD41; Monoclonal Antibody; CD41 Antibody; antigen CD41 antibody; BDPLT16 antibody; BDPLT2 antibody; CD41 antibody; CD41B antibody; form 2 antibody; GP2B antibody; GPalpha IIb antibody; GPIIb antibody; GT antibody; GTA antibody; HPA3 antibody; Integrin alpha 2b antibody; Integrin alpha IIb antibody; Integrin alpha-IIb light chain antibody; Integrin; alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex; antigen CD41) antibody; ITA2B_HUMAN antibody; Itga2b antibody; ITGAB antibody; platelet fibrinogen receptor; alpha subunit antibody; platelet glycoprotein IIb of IIb/IIIa complex antibody; Platelet membrane glycoprotein IIb antibody; platelet specific antigen BAK antibody; PPP1R93 antibody; anti-CD41 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JM11-19
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CD41 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



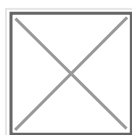
IHC (Immunohistochemisry)

Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-CD41 antibody. Counter stained with hematoxylin.



IHC (Immunohiostchemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD41 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of CD41 on human placenta cells lysates using anti-CD41 antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CD41 antibody	Integrins are heterodimers composed of noncovalently associated transmembrane alpha and beta subunits. The 16 alpha and 8 beta 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.
Product Categories/Family for anti-CD41 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	88758615
NCBI GeneID	3674
NCBI Accession #	NP_000410.2
NCBI GenBank Nucleotide #	NM_000419.3
UniProt Accession #	P08514; O95366; Q14443; Q17R67; B2RCY8
Molecular Weight	1039
NCBI Official Full Name	integrin alpha-IIb preproprotein
NCBI Official Synonym Full Names	integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41)
NCBI Official Symbol	ITGA2B
NCBI Official Synonym Symbols	GT; GTA; CD41; GP2B; HPA3; CD41B; GPIIb; BDPLT2; BDPLT16
NCBI Protein Information	integrin alpha-IIb; GPalpha IIb; platelet-specific antigen BAK; platelet membrane glycoprotein IIb; platelet fibrinogen receptor, alpha subunit
UniProt Protein Name	Integrin alpha-IIb
UniProt Gene Name	ITGA2B
UniProt Synonym Gene Names	GP2B; ITGAB; GPIIb
UniProt Entry Name	ITA2B_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.