Rabbit anti-Human CD42b Polyclonal Antibody | anti-CD42b antibody

CD42b Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312118	**Rabbit**	**Human**	**Flow Cytometry, Functional Assay, Immunohistochemistry, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

CD42b; Polyclonal Antibody; CD42b Antibody; Antigen CD42b alpha antibody; BDPLT1 antibody; BDPLT3 antibody; BSS antibody; CD 42b antibody; CD42b alpha antibody; CD42B antibody; CD42b antigen antibody; DBPLT3 antibody; GLYCOCALICIN antibody; Glycoprotein Ib (platelet) alpha polypeptide antibody; Glycoprotein Ibalpha antibody; GP Ib alpha antibody; GP1B antibody; GP1BA antibody; GPIb alpha antibody; GPIbA antibody; MGC34595 antibody; Platelet glycoprotein Ib alpha chain antibody; Platelet glycoprotein Ib alpha polypeptide antibody; Platelet membrane glycoprotein 1b alpha subunit antibody; VWDP antibody; anti-CD42b antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Protein affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CD42b antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant protein with human CD42b aa 130-310.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES

FCM/FACS (Flow Cytometry)
Flow cytometric analysis of Jurkat cells with CD42b antibody at 1/50 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

ICC (Immunocytochemistry)
ICC staining CD42b in Jurkat cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-CD42b antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-CD42b antibody	CD42a is a single-chain membrane glycoprotein that forms a noncovalent complex with CD42b. CD42b, also known as glycoprotein Ib a (GPIb a) is a membrane glycoprotein that is composed of a and b chains. The CD42b b chain is also designated CD42c, and is expressed on platelets and megakaryocytes. CD42a and CD42b are also present on platelets and mega-karyocytes, and the complex is a major component of the platelet surface. The complex acts as a receptor for von Willebrand's factor and as a von Willebrand's factor-dependent adhesion receptor.
Product Categories/Family for anti-CD42b antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	613503880
NCBI GeneID	2811
UniProt Accession #	P07359; Q14441; Q16469; Q8N1F3; Q8NG39; Q9HDC7; Q9UEK1; Q9UQS4; E7ES66
Molecular Weight	626
NCBI Official Full Name	Platelet glycoprotein Ib alpha chain
NCBI Official Synonym Full Names	glycoprotein Ib (platelet), alpha polypeptide
NCBI Official Symbol	GP1BA
NCBI Official Synonym Symbols	BSS; GP1B; VWDP; CD42B; GPIbA; BDPLT1; BDPLT3; DBPLT3; CD42b-alpha
NCBI Protein Information	platelet glycoprotein Ib alpha chain; GP-Ib alpha; antigen CD42b-alpha; platelet membrane glycoprotein 1b-alpha subunit
UniProt Protein Name	Platelet glycoprotein Ib alpha chain
UniProt Gene Name	**GP1BA**
UniProt Synonym Gene Names	GP-Ib alpha; GPIb-alpha; GPIbA; Glycoprotein Ibalpha
UniProt Entry Name	GP1BA_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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