

Rabbit CD42c Polyclonal Antibody | anti-CD42c antibody

CD42c Polyclonal Antibody

CATALOG # AAA173978	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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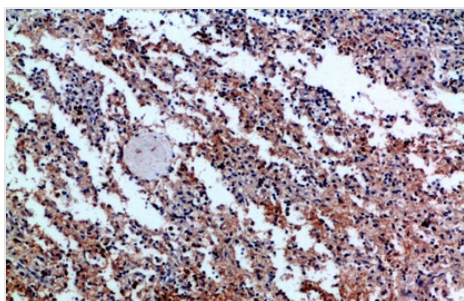
PRODUCT SYNONYMS

CD42c; Polyclonal Antibody; CD42c Polyclonal Antibody; Platelet glycoprotein Ib beta chain (GP-Ib beta) (GPIb-beta) (GPIbB) (Antigen CD42b-beta) (CD antigen CD42c); anti-CD42c antibody

PRODUCT SPECIFICATIONS

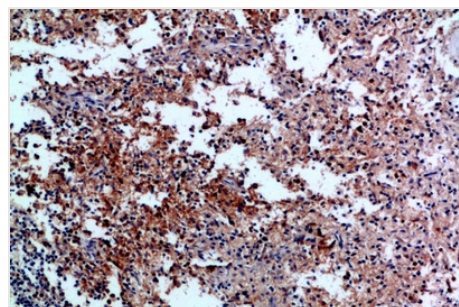
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	206
Applicable Applications for anti-CD42c antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide from human protein
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human spleen tissue using CD42c Polyclonal Antibody at dilution of 1:100.



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Immunohistochemistry of paraffin-embedded Human spleen tissue using CD42c Polyclonal Antibody at dilution of 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-CD42c antibody	GP1BB (Glycoprotein Ib Platelet Beta Subunit) is a Protein Coding gene. Diseases associated with GP1BB include Bernard-Soulier Syndrome, Type C and Velocardiofacial Syndrome. Among its related pathways are Formation of Fibrin Clot (Clotting Cascade) and Response to elevated platelet cytosolic Ca2+. GO annotations related to this gene include transmembrane signaling receptor activity. An important paralog of this gene is GP9. Platelet glycoprotein Ib (GPIb) is a heterodimeric transmembrane protein consisting of a disulfide-linked 140 kD alpha chain and 22 kD beta chain. It is part of the GPIb-V-IX system that constitutes the receptor for von Willebrand factor (VWF), and mediates platelet adhesion in the arterial circulation. GPIb alpha chain provides the VWF binding site, and GPIb beta contributes to surface expression of the receptor and participates in transmembrane signaling through phosphorylation of its intracellular domain. Mutations in the GPIb beta subunit have been associated with Bernard-Soulier syndrome, velocardiofacial syndrome and giant platelet disorder. The 206 amino acid precursor of GPIb beta is synthesized from a 1.0 kb mRNA expressed in platelets and megakaryocytes. A 411 amino acid protein arising from a longer, unspliced transcript in endothelial cells has been described; however, the authenticity of this product has been questioned. Yet another less abundant GPIb beta mRNA species of 3.5 kb, expressed in nonhematopoietic tissues such as endothelium, brain and heart, was shown to result from inefficient usage of a non-consensus polyA signal in the neighboring upstream gene (SEPT5, septin 5). In the absence of polyadenylation from its own imperfect site, the SEPT5 gene produces read-through transcripts that use the consensus polyA signal of this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504073
NCBI GeneID	2812
NCBI Accession #	NP_000398.1
NCBI GenBank Nucleotide #	NM_000407.4
UniProt Accession #	P13224; Q14422; Q8NG40
Molecular Weight	43,158 Da
NCBI Official Full Name	platelet glycoprotein Ib beta chain
NCBI Official Synonym Full Names	glycoprotein Ib platelet beta subunit
NCBI Official Symbol	GP1BB
NCBI Official Synonym Symbols	BS; CD42C; GPIBB; BDPLT1; GPIbbeta
NCBI Protein Information	platelet glycoprotein Ib beta chain
UniProt Protein Name	Platelet glycoprotein Ib beta chain
UniProt Gene Name	GP1BB
UniProt Synonym Gene Names	GP-Ib beta; GPIb-beta; GPIbB

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.