

Mouse anti-Dog, Human CD42a Monoclonal Antibody | anti-CD42a antibody

Anti-Hu CD42a FITC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128560	Mouse	Dog, Human	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD42a; Monoclonal Antibody; Anti-Hu CD42a FITC; glycoprotein IX platelet; GPIX; GP9; anti-CD42a antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Dog, Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	GR-P
Specificity	The mouse monoclonal antibody GR-P (also known as GRP-P) recognizes an extracellular epitope of CD42a (glycoprotein 9), a 22 kDa transmembrane protein constitutively expressed on megakaryocytes and platelets.
Purity/Purification	The purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Sequence Length	177
Applicable Applications for anti-CD42a antibody	FCM/FACS (Flow Cytometry)
Immunogen	Human acute lymphoblastic leukemia cells
Conjugation	FITC
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

ADDITIONAL INFORMATION

Related Product Information for anti-CD42a antibody	CD42a, also known as Glycoprotein 9 (GPIX), composes together with GPIb alpha, GPIb beta and GPV the GPIb-IX-V receptor complex critical in the process of platelet-rich thrombus formation by tethering the platelet to a thrombogenic surface. CD42b binds to von Willebrand factor (VWF) exposed at a site of vascular injury, as well as to thrombin, coagulation factors XI and XII, high molecular weight kininogen, TSP-1, integrin Mac-1 and P-selectin. Defects in the gene encoding CD42a are a cause of Bernard-Soulier syndrome, also known as giant platelet disease. These patients have unusually large platelets and have a clinical bleeding tendency.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504077
NCBI GeneID	2815
NCBI Accession #	NP_000165
NCBI GenBank Nucleotide #	NP_000165.1

UniProt Accession #	P14770
NCBI Official Full Name	platelet glycoprotein IX
NCBI Official Synonym Full Names	glycoprotein IX platelet
NCBI Official Symbol	GP9
NCBI Official Synonym Symbols	GPIX; CD42a
NCBI Protein Information	platelet glycoprotein IX
UniProt Protein Name	Platelet glycoprotein IX
UniProt Gene Name	GP9
UniProt Synonym Gene Names	GP-IX; GPIX

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/monoclonal/cd42a-antibody-clone-gr-p-flow-cytometry-elisa/128560>