

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

CD42b, RMAb (EP409)

CATALOG # AAA59337	HOST Rabbit	REACTIVITY Human
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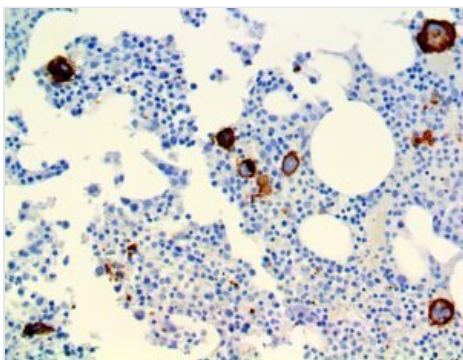
PRODUCT SYNONYMS

CD42b; Monoclonal Antibody; RMAb (EP409); GP1BA; Antigen CD42b alpha; BSS; CD42B; CD42b alpha; anti-cd42b; anti cd42b; Glycocalicin; glycoprotein Ib platelet alpha polypeptide; Glycoprotein Ibalpha; GP Ib alpha; GP1B; GPIb alpha; GPIbA; MGC34595; platelet glycoprotein Ib alpha chain; platelet membrane glycoprotein 1b alpha subunit; BDPLT1; BDPLT3; DBPLT3; VWDP; anti-CD42b antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	EP409
Form/Format	Paraffin, Frozen CD42b is a rabbit monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH7.5, containing BSA and sodium azide as a preservative.
Immunogen	A synthetic peptide corresponding to residues of human CD42b protein.
Control	Bone Marrow, Spleen
Localization	Cytoplasmic, Membranous
Preparation and Storage	Store at 2-8 degree C (Control Slides: Store at 20-25 degree C)

IMAGES



IHC (Immunohistochemistry)

CD42b Antibody Immunohistochemistry on an FFPE Bone Marrow Tissue

Antibody Type	Dilution	Volume/Qty
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:50-1:200	0.1 ml
Concentrated	1:50-1:200	0.5 ml
Concentrated	1:50-1:200	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-CD42b antibody	CD42b Platelet glycoprotein Ib alpha chain also known as glycoprotein Ib (platelet), alpha polypeptide is a protein that in humans is encoded by the GP1BA gene. The Gp Ib functions as a receptor for von Willebrand factor (VWF), which includes noncovalent association of the alpha and beta subunits with platelet glycoprotein IX and platelet glycoprotein V. The binding of the GP Ib-IX-V complex to VWF facilitates initial platelet adhesion to vascular subendothelium after vascular injury, and also initiates signaling events within the platelet that lead to enhanced platelet activation, thrombosis, and hemostasis. This gene encodes the alpha subunit. Several polymorphisms and mutations have been described in this gene, some of which are the cause of Bernard-Soulier syndromes and platelet-type von Willebrand disease (1). CD42b antibody is a marker of megakaryocytes and platelets and used in the identification of AML-M7 to distinguish AML-M7 (CD42b+) from acute myelosis with myelofibrosis (usually CD42b -). Acute megakaryoblastic leukemia has a significantly higher proportion of blasts expressing CD42b (2). Patients with Histoplasma capsulatum infections have been noted with unusual IHC positivity of the platelet associated marker CD42b/GP1b expressed on the surface of this fungal organisms. Evaluation of additional cases demonstrated that a majority of histoplasmosis cases (83%) showed positive staining with CD42b/GP1b, comparable to GMS stain results (3).
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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://stage.aaabiotech.com/monoclonal/cd42b-antibody-clone-ep409-elisa/59337>