

Mouse anti-Human CD41, Platelet gpIIb IIIa Monoclonal Antibody

MAb to CD41 gpIIb IIIa

CATALOG # AAA57862	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD41; Platelet gpIIb IIIa; Monoclonal Antibody; MAb to CD41 gpIIb IIIa; Monoclonal Antibody to CD41 gpIIb IIIa; anti-CD41; Platelet gpIIb IIIa antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Specificity	Reacts with gpIIb in the intact complex with gpIIla, but not with IIb or IIIa, separately. Inhibits platelet aggregation induced by thrombin, collagen and ADP. The molecular weight of the recognized complex is 135kDa/95kDa.
Form/Format	Purified, Lyophilized; Lyophilized from PBS with 1mg/ml BSA
Concentration	0.2 mg/vial (varies by lot)
Applicable Applications for anti-CD41, Platelet gpIIb IIIa antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), FM (Fluorescence Microscopy)
Source	Ascites
Immunogen	Human Platelets
Reconstitution	Reconstitute with 1ml distilled water.
Preparation and Storage	Store lyophilized product at 2-8°C. After reconstitution, aliquot and store at -20 degree C. Avoid multiple freeze/thaw cycles. The addition of 0.1% (w/v) sodium azide is recommended for storage of the reconstituted form for up to one month at 2-8°C.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD41, Platelet gpIIb IIIa antibody	Monoclonal Antibodies to Human CDs
References	• McGregor, J.L., et al., (1983), "Monoclonal antibodies against platelet membrane glycoproteins", Eur. J. Biochem., 131, 427-436 • Phillips, D.R., (1988), "The Platelet membrane gp IIb IIIa complex", Blood, 71, 831. •

NCBI AND UNIPROT INFORMATION

NCBI GI #	335353891
NCBI Official Full Name	CD41 antigen

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.

