

Mouse CD41/CD61 Monoclonal Antibody | anti-CD41/CD61 antibody

Monoclonal Antibody to CD41/CD61 (human)- Platelet glycoprotein complex IIb-IIIa, allbb3 integrin

CATALOG #	HOST	APPLICATIONS
AAA71455	Mouse	Immunoblot, Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD41/CD61; Monoclonal Antibody; Monoclonal Antibody to CD41/CD61 (human)- Platelet glycoprotein complex IIb-IIIa; allbb3 integrin; anti-CD41/CD61 MAb (CRC64-FRaMon); anti-CD41/CD61 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1 (k)
Clone Number	CRC64
Specificity	Human platelet membrane glycoprotein (GP) IIb-IIIa (allb/b3 integrin, CD41/CD61), does not interact with human av/b3 integrin, or with dog rabbit GP IIb-IIIa. Complex specific, inhibits glycoprotein IIb-IIIa interaction with fibrinogen and other ligands, inhibits platelet aggregation.
Purity/Purification	>95% (by PAGE). Purified from ascites by DEAE chromatography.
Form/Format	0.1 mg in PBS/azide buffer
Concentration	3.3 mg/ml (varies by lot)
Applicable Applications for anti-CD41/CD61 antibody	IB (Immunoblot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Immunogen	Human platelets
Preparation and Storage	Store at +4 degree C for 3 months. For long-term storage, aliquot and store at -70 degree C. Avoid freeze/thaw cycles. Ships on dry ice.

ADDITIONAL INFORMATION

Related Product Information for anti-CD41/CD61 antibody	CRC64 (FRaMon) recognizes complex-specific epitope but not dissociated GP IIb or GP IIIa. CRC64 inhibits platelet aggregation by blocking fibrinogen binding to GP IIb-IIIa. CRC64 does not react with platelets from patients with the hereditary deficiency of GP IIb-IIIa (Glanzmann's thrombasthenia). F(ab') ₂ fragments of CRC64 (FRaMon) are used as a base for antithrombotic preparation Monafram (or FRAMON) belonging to the class of GP IIb-IIIa antagonists.
References	Khaspekova et al, Br. J. Haematol. 1993, 85, 332-40; Mazurov et al., FEBS Lett., 1996, 391, 84-8; Byzova & Plow, J. Biol. Chem. 1997, 272, 27183-8; Mazurov et al, Ter Arkhiv, 2001, No 9, 66-73 (in Russian); Mazurov et al, Platelets 2002 13, 465-77; Naimushin & Mazurov, Biochemistry (Moscow), 2003, 68, 250-259

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/cd41-cd61-antibody-clone-crc64-immunoblot-immunohistochemistry-flow-cytometry-elisa/71455>