

Product datasheet for **AM32331PU-N**

CD41 / ITGA2B Mouse Monoclonal Antibody [Clone ID: VM16a]

Product data:

Product Type:	Primary Antibodies
Clone Name:	VM16a
Applications:	FN, IF
Recommended Dilution:	Flow Cytometry. Functional Assay. Immunofluorescence.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognizes the intact platelet GPIIb/IIIa complex (alphaIIb/beta3), i.e. it does not bind to dissociated GPIIb or GPIIIa. The antibody reacts with human platelets and megakaryocytes. Apparent molecular weight under reducing conditions: GPIIIa; 110 kD; GPIIb alpha chain; 125 kD, beta chain; 25 kD. The antibody does not bind to platelets from patients with Glanzmann thrombasthenia and does not recognize the vitronectin receptor, which contains GPIIIa as a beta subunit (cf. CD61). VM16a inhibits platelet Fc-receptor dependent reactions due to the proposed topographical association of the platelet Fc-receptor and the glycoprotein IIb-IIIa complex.
Formulation:	PBS State: Purified State: Lyophilized purified Ig fraction Preservative: 0,09% sodium azide
Reconstitution Method:	Reconstitute with 1 ml sterile water.
Purification:	Ammonium sulfate + DEAE-cellulose, gradient elution
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Synonyms:	Integrin alpha-IIb, GP2B, ITGAB, GPalpha IIb



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