

## ITGB3

### Mouse Anti-Human Integrin beta 3/CD61 (Clone CRC54) mAb

<b>Catalog No.</b>	MON1147	<b>Quantity:</b>	100 tests
<b>Alternate Names:</b>	β3-integrin, Platelet GPIIIa, GP3A, VNR beta-chain		
<b>Description:</b>	The monoclonal antibody reacts with the platelet glycoprotein gpIIIa/VNR beta chain. This glycoprotein is the common beta chain (Integrin beta 3) of the cyto-adhesins, gpIIb-IIIa and VNR. The antibody reacts with platelets and megakaryocytes. The antibody reacts preferentially with the activated/ occupied form of platelet GPIIb-IIIa (ligand-induced binding site or LIBS epitope) and the dissociated form of GPIIIa.		
<b>Gene ID:</b>	3690		
<b>Conjugate:</b>	Unconjugated		
<b>Specificity:</b>	The Clone CRC54 epitope is located within the N-terminal region of GPIIIa (first 100 amino acids).		
<b>Cross-Reactivity:</b>	CRC54 does not react with platelets of patients with Glanzmann thrombastenia.		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG1 κ		
<b>Clone:</b>	CRC54		
<b>Formulation:</b>	Lyophilized from 1 mL of a solution containing approximately 0.2 mg/mL purified antibody in PBS with sodium azide.		
<b>Purification:</b>	Ammonium Sulfate + DEAE-cellulose, gradient elution		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Reconstitute with 1 mL sterile distilled water. Sufficient for 100 tests.		
<b>Applications:</b>	Flow Cytometry, Immunofluorescence, Immunochemistry (frozen), Western Blot		
<b>Application Notes:</b>	MON1147 can be used for: -Determination of thrombocytes in blood. -Identification of megakaryocytes and -blasts in tissue. -Immunoblotting under reduced and non-reduced conditions. -Detection of conformational changes of GPIIb-IIIa on activated platelets. -Immunofluorescent microscopy and staining frozen tissue by indirect fluorescence		
<b>Storage &amp; Stability:</b>	Store at 2-8 °C for up to one year.		

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