

Product datasheet for **AM32328PU-N**

CD61 (ITGB3) Mouse Monoclonal Antibody [Clone ID: CRC54]

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | CRC54 |
| Applications: | IF, IHC, WB |
| Recommended Dilution: | Flow Cytometry. Immunofluorescence. Western Blot. Immunohistochemistry on frozen sections. It can be used for: -Determination of thrombocytes in blood. -Identification of megakaryocytes and -blasts in tissue. -Immunoblotting under reduced and nonreduced conditions. -Detection of conformational changes of GPIIb-IIIa on activated platelets. |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Specificity: | This antibody reacts with the platelet glycoprotein gpIIIa/VNR beta chain. This glycoprotein is the common beta chain (beta3 Integrin) of the cytoadhesins, gpIIbIIIa and VNR. The antibody reacts with platelets and megakaryocytes. The antibody reacts preferentially with the activated/occupied form of platelet GPIIbIIIa (ligand- induced binding site or LIBS epitope) and dissociated form of GPIIIa. CRC54-epitope is located within the N-terminal region of GPIIIa (first 100 aminoacids). CRC54 does not react with platelets of patients with Glanzmann thrombastenia. |
| Formulation: | PBS State: Purified State: Lyophilized purified Ig fraction Preservative: 0,09% sodium azide |
| Reconstitution Method: | Reconstitute with 1 ml sterile water. |
| Concentration: | lot specific |
| Purification: | Ammonium sulfate + DEAE-cellulose, gradient elution |



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|-----------------------|---|
| Conjugation: | Unconjugated |
| Storage: | Store the antibody undiluted at 2-8°C. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | integrin subunit beta 3 |
| Database Link: | Entrez Gene 3690 Human P05106 |
| Synonyms: | Integrin beta-3, GP3A, GPIIIa |