

Product datasheet for **BM2608B**

CD41-CD61 Complex Mouse Monoclonal Antibody [Clone ID: M148]

Product data:

Product Type:	Primary Antibodies
Clone Name:	M148
Applications:	FC
Recommended Dilution:	Suitable for use in Flow Cytometric applications: 1 µg to stain 1.0 x 10 ⁶ cells.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	Anti-Human CD41 recognizes an epitope on the gpIIb/IIIa complex on the surface membrane of human platelets. (1) Precipitates two bands under non-reducing conditions (Mr 110 kDa and 130 kDa).
Formulation:	0.01 M PBS, pH 7.2, containing 2.0 mM EDTA and 1.0% BSA as buffer and 0.09% Sodium Azide as preservative. Label: Biotin State: Liquid purified Ig fraction. Label: Conjugated to Biotin.
Concentration:	lot specific
Purification:	Protein G chromatography.
Conjugation:	Biotin
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE !
Stability:	Shelf life: one year from despatch.
Background:	Integrin alpha 2b (CD41) is a calcium-dependent, noncovalently associated heterodimer and contains a heavy chain (GPIIb alpha) and a light chain (GPIIb beta) linked by a single disulfide bond. The Integrin alpha 2B chain interacts with the Integrin beta 3 subunit/CD61 to form the platelet glycoprotein complex, gpIIb/IIIa. It is expressed on platelets and megakaryocytes. Ligands for the gpIIb/IIIa heterodimer include fibrinogen, von Willebrand factor, fibronectin, vitronectin, and thrombospondin. The gpIIb/IIIa complex is the major Integrin on platelets and is important for platelet adhesion and aggregation.



[View online »](#)

Synonyms: GPIIb-IIIa, ITGA2B, GP2B, ITGAB, Platelet membrane glycoprotein IIb, GPalpha IIb, GPIIb, GP3A, CD41, CD61, Integrin alpha-IIb, Integrin beta-3, ITGB3

Note: The CD41 antigen is present on virtually all human platelets and is also found on megakaryocytes.