

Product datasheet for **BM2608F**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	M148
Applications:	FC
Recommended Dilution:	Flow Cytometry: 1µg to stain 1.0 x 10e6 cells.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognizes an epitope on the gpIIb/IIIa complex on the surface membrane of human platelets. The antibody precipitates two bands under non-reducing conditions (Mr 110 kDa and 130 kDa).
Formulation:	0.01M PBS, pH 7.2 containing 150mM Sodium chloride and 1.0% BSA and 0.09% Sodium azide Label: FITC State: Liquid purified IgG Absorption emission: 492nm/518nm
Concentration:	lot specific
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should protected from light.
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.



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Synonyms:

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