

Datasheet for ABIN272314
anti-CD41, CD61 antibody (FITC)



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Overview

Quantity:	0.2 mg
Target:	CD41, CD61
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD41, CD61 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

Product Details

Clone:	M148
Isotype:	IgG1
Characteristics:	Absorption / Emission: 492nm/518nm

Target Details

Target:	CD41, CD61
Abstract:	CD41, CD61 Products
Background:	<p>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.</p> <p>Ligands for the gpIIb/IIIa heterodimer include fibrinogen, von Willebrand factor, fibronectin,</p>

Target Details

vitronectin, and thrombospondin. The gpIIb/IIIa complex is the major Integrin on platelets and is important for platelet adhesion and aggregation.Synonyms: CD41, CD61, GP2B, GP3A, GPIIb, GPIIb-IIIa, GPalpha IIb, ITGA2B, ITGAB, ITGB3, Integrin alpha-IIb, Integrin beta-3, Platelet membrane glycoprotein IIb

Application Details

Application Notes:	Flow Cytometry: 1g to stain 1.0 x 10^6 cells. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	0.1 mg/mL (OD280nm)
Buffer:	0.01 M PBS, pH 7.2 containing 150 mM Sodium chloride and 1.0 % BSA and 0.09 % Sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	This product is photosensitive and should be protected from light
Storage:	4 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C. DO NOT FREEZE!