

Monoclonal Antibody to CD41 / ITGA2B - FITC

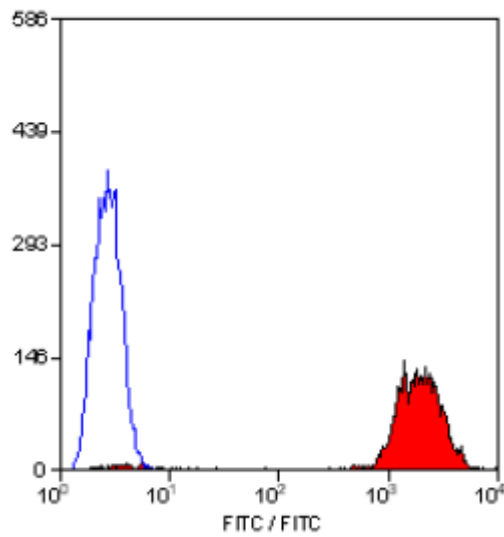
Alternate names:	GP2B, GPalpha IIb, ITGAB, Integrin alpha-IIb, Platelet membrane glycoprotein IIb
Catalog No.:	SM1108F
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
Background:	CD41 is a 140kD glycoprotein expressed by platelets and megakaryocytes. CD41 is also known as platelet glycoprotein IIb, and functions as a receptor for fibrinogen, fibronectin and vWF.
Uniprot ID:	P08514
NCBI:	9606
Host / Isotype:	Mouse / IgG1
Clone:	PM6/248
Immunogen:	Human platelet plasma membrane. Spleen cells from immunised BALB/c mice were fused with cells from the SP2/0 mouse myeloma line.
Format:	State: Liquid purified IgG fraction. Purification: Affinity Chromatography on Protein A. Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow Cytometry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the CD41 cell surface antigen. It has not been established if clone PM6/248 recognises free CD41 or CD41 only when complexed with CD61. However, antibody binding is reduced in the presence of EDTA suggesting that the epitope recognised is dependent upon an intact CD41/61 complex. Species: Human and Baboon. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General References:	1. Hornby, E.J. et al. (1991) Activation of human platelets by exposure to a monoclonal antibody, PM6/248, to glycoprotein IIb-IIIa. Br. J. Haematol. 79: 277-285. 2. Michelson, A.D. et al. (1995) A panel of platelet mAb for the study of haemostasis and thrombosis in baboons. Leucocyte Typing V. Oxford University Press p 1230-1231.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

Pictures:



Staining of human peripheral blood platelets with Mouse Anti Human CD41-FITC (SM1108F/FT).

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