

Monoclonal Antibody to CD41 / ITGA2B - FITC

Alternate names:	GP2B, GPalpha IIb, ITGAB, Integrin alpha-IIb, Platelet membrane glycoprotein IIb
Catalog No.:	SM2035F
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
Background:	CD41 is expressed on platelets and megakaryocytes and forms a heterodimer with CD61. CD41/CD61 is important for platelet adhesion and aggregation.
Uniprot ID:	Q9QUM0
NCBI:	NP_034705.2
GeneID:	16399
Host / Isotype:	Rat / IgG1
Clone:	MWReg30
Format:	State: Liquid purified IgG Purification: Protein G affinity chromatography Buffer System: PBS, pH 7.4, containing 0.09% sodium azide and 1% BSA Label: FITC – Fluorescein Isothiocyanate 1
Applications:	Flow cytometry: use 10 µl of neat - 1/10 diluted antibody to label 10e6 cells in 100 µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the integrin alpha IIb subunit CD41. Species: Mouse. Other species not tested.
Add. Information:	Clone MWReg30 has been reported to inhibit PMA induced aggregation in vitro and to induce hypothermia in vivo . We recommend the use of SM2035A for use in functional studies.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
General References:	1. Nieswandt, B. et al. (1999). Acute Systemic Reaction and Lung Alterations Induced by an Antiplatelet Integrin gpIIb/IIIa Antibody in Mice. Blood 94: 684-693

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