

Product datasheet for **SM2035F**

Itga2b Rat Monoclonal Antibody [Clone ID: MWReg30]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MWReg30
Applications:	FC
Recommended Dilution:	Flow cytometry: use 10 µl of neat - 1/10 diluted antibody to label 10e6 cells in 100 µl.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognises the integrin alpha IIb subunit CD41.
Formulation:	PBS, pH 7.4, containing 0.09% sodium azide and 1% BSA Label: FITC State: Liquid purified IgG Label: Fluorescein Isothiocyanate 1
Concentration:	lot specific
Purification:	Protein G affinity chromatography
Conjugation:	FITC
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.
Stability:	Shelf life: one year from despatch.
Gene Name:	integrin alpha 2b
Database Link:	Entrez Gene 16399 Mouse Q9QUM0
Background:	CD41 is expressed on platelets and megakaryocytes and forms a heterodimer with CD61. CD41/CD61 is important for platelet adhesion and aggregation.
Synonyms:	Integrin alpha-IIb, GP2B, ITGAB, GPalpha IIb



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Note: 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.