

CD41a / Integrin-b (Platelet Marker) Antibody

Mouse Monoclonal Antibody [Clone ITGA2B/1036]

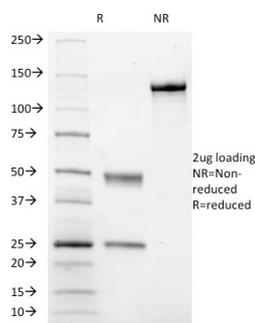
Catalog No	Format	Size
3674-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3674-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3674-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

Product Details	
Clone	ITGA2B/1036
Gene Name	ITGA2B
Immunogen	Recombinant full-length human Integrin alpha IIb protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	~90kDa
Cellular Localization	Membrane
Species Reactivity	Human
Positive Control	HEL cells and human platelets in lymph nodes or tonsils., Kg1a

*Optimal dilution for a specific application should be determined.

Product Images for CD41a / Integrin-b (Platelet Marker) Antibody



SDS-PAGE Analysis of Purified CD41a Mouse Monoclonal Antibody (ITGA2B/1036). Confirmation of Integrity and Purity of Antibody.

Specificity & Comments

Reacts with a calcium-dependent complex of CD41/CD61, a dimer of 90kDa and 140kDa present on the membrane of normal platelets and megakaryocytes. CD41/CD61 is also known as platelet glycoprotein GPIIb/GPIIIa or integrin IIa/ 3. This complex is the receptor of fibrinogen, fibronectin and von Willebrand factor, and mediates platelet adhesion and aggregation.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

AKT Signaling, Articular Cartilage Extracellular Matrix, Autophagy, Cardiovascular, Complement System, Developmental Biology, Hematopoietic Stem Cells, Infectious Disease, Lung Cancer, Signal Transduction, Transcription Factors

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.
