

Rat anti-Mouse CD41 Monoclonal Antibody | anti-CD41 antibody

Anti-Mouse CD41 Monoclonal Antibody (APC Conjugated) [MWReg30]

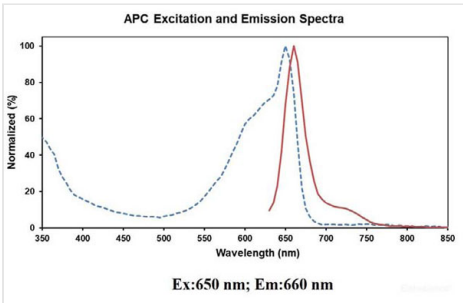
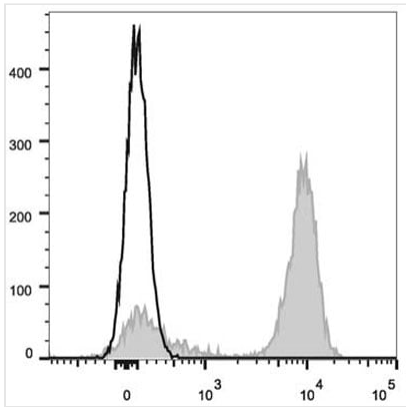
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174765	Rat	Mouse	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD41; Monoclonal Antibody; Anti-Mouse CD41 Monoclonal Antibody (APC Conjugated) [MWReg30]; Itga2b; GPalpha lib; GPIIb; anti-CD41 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rat IgG1, kappa
Clone Number	MWReg30
Form/Format	Liquid; PBS with 0.05% Proclin300, 1% BSA
Concentration	0.2 mg/mL (varies by lot)
Sequence Length	1033
Applicable Applications for anti-CD41 antibody	FCM/FACS (Flow Cytometry)
Conjugation	APC
Isotype Control	APC Rat IgG1, ? Isotype Control [HRPN] []
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Keep as concentrated solution Store at 2-8 degree C and protect from prolonged exposure to light. Do not freeze.



Fluorophore
Conjugation: APC

Application Data
Mouse platelets are stained with APC Anti-Mouse CD41 Antibody[Used at 0.2 ug/106 cells dilution](filled gray histogram). Unstained platelets (empty black histogram) are used as control.

ADDITIONAL INFORMATION

Related Product Information for anti-CD41 antibody	CD41, also known as integrin alpha2b and GPIIb, is a transmembrane glycoprotein that is expressed by platelets and megakaryocytes. It was reported that CD41 is also expressed on hematopoietic progenitors. CD41 associates with CD61 (integrin beta3) to form complexes that interact with fibrinogen, fibronectin, von Willebrand factor, and thrombin. CD41 is required for platelet adhesion and aggregation. Defect of CD41 leads to disorders of coagulation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	159110663
NCBI GeneID	16399
NCBI Accession #	NP_034705.2
NCBI GenBank Nucleotide #	NP_034705.2
UniProt Accession #	Q9QUM0
NCBI Official Full Name	integrin alpha-IIb
NCBI Official Synonym Full Names	integrin alpha 2b
NCBI Official Symbol	Itga2b
NCBI Official Synonym Symbols	CD41; CD41B; GpIIb; AI172977; alphaIIb
NCBI Protein Information	integrin alpha-IIb
UniProt Protein Name	Integrin alpha-IIb
UniProt Gene Name	Itga2b
UniProt Entry Name	ITA2B_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.