

Mouse anti-Human RAB1B Monoclonal Antibody | anti-RAB1B antibody

RAB1B Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62399	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

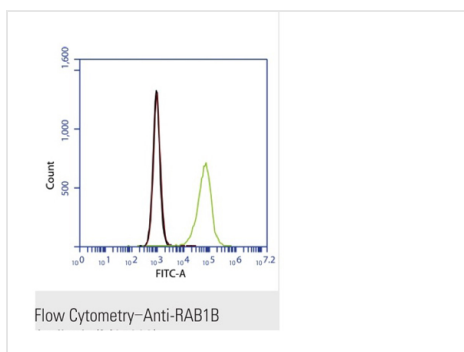
PRODUCT SYNONYMS

RAB1B; Monoclonal Antibody; RAB1B Mouse mAb; Ras-related protein Rab-1B; small GTP-binding protein; anti-RAB1B antibody

PRODUCT SPECIFICATIONS

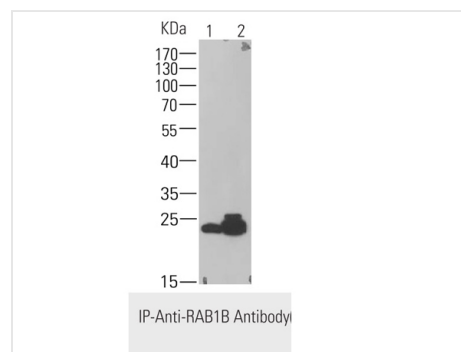
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	201
Applicable Applications for anti-RAB1B antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human RAB1B

IMAGES



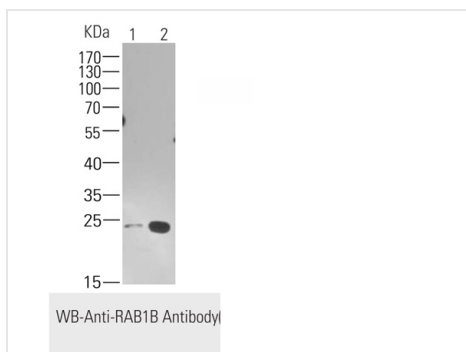
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling RAB1B with M25008 at 1/200 dilution (green) compared with a mouse monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody, blue). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP (Immunoprecipitation)

AB1B was immunoprecipitated from 1mg of Jurkat cells membrane fraction, blotted with M25008 of 10 ug.ution buffer and concentration:5% milk/TBST. Western blot was performed from the immunopre-cipitate using M25008 at 1/2000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1: Jurkat cells membrane fraction. Lane2: IP product of Jurkat cells membrane fraction.Blocking and dilution buffer and concentration:5% milk/TBST.



WB (Western Blot)

All lanes : RAB1B Mouse mAb at 1/2000 dilution Lane 1 : Jurkat cells membrane fraction Lane 2 : THP1 cells membrane fraction Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Mouse IgG-HRP, 5% milk conjugated at 1/10000 dilution Predicted band size : 22 KDa Observed band size : 22 KDa Blocking/Dilution buffer : 1x TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB1B antibody	Members of the RAB protein family, such as RAB1B, are low molecular mass monomeric GTPases localized on the cytoplasmic surfaces of distinct membrane-bound organelles. RAB1B functions in the early secretory pathway and is essential for vesicle transport between the endoplasmic reticulum (ER) and Golgi
Product Categories/Family for anti-RAB1B antibody	Cell Marker ; Subcellular Marker ; Membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	13569962
NCBI GeneID	81876
NCBI Accession #	NP_112243.1
NCBI GenBank Nucleotide #	NM_030981.2
UniProt Accession #	Q9H0U4 ; A8K7S1
Molecular Weight	Predicted MW: 22kDa
NCBI Official Full Name	ras-related protein Rab-1B
NCBI Official Synonym Full Names	RAB1B, member RAS oncogene family
NCBI Official Symbol	RAB1B
NCBI Protein Information	ras-related protein Rab-1B
UniProt Protein Name	Ras-related protein Rab-1B
UniProt Gene Name	RAB1B

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rab1b-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62399>