

Mouse anti-Human RAB14 Monoclonal Antibody | anti-RAB14 antibody

RAB14 (430) Mouse mAb

CATALOG # AAA62364	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot
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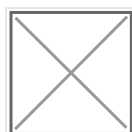
PRODUCT SYNONYMS

RAB14; Monoclonal Antibody; RAB14 (430) Mouse mAb; RAB14(430) Mouse mAb; bA165P4.3 (member RAS oncogene family); F protein-binding protein 1; Ras-related protein Rab-14; small GTP binding protein RAB14; anti-RAB14 antibody

PRODUCT SPECIFICATIONS

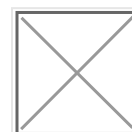
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	215
Applicable Applications for anti-RAB14 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of RAB14.
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed THP1 (Human acute monocytic leukemia cell line) cells labeling RAB14 with M25201 at 1/200 dilution (red) compared with a mouse monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody, purple). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP (Immunoprecipitation)

RAB14 was immunoprecipitated from 1mg of THP1 cells membrane fraction, blotted with M25201 of 10 ug. Western blot was performed from the immunoprecipitate using M25201 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: THP1 cells membrane fraction. Lane2: IP product of THP1 cells membrane fraction.Blocking and dilution buffer and concentration:5% milk/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB14 antibody	RAB14 belongs to the large RAB family of low molecular mass GTPases that are involved in intracellular membrane trafficking. These proteins act as molecular switches that flip between an inactive GDP-bound state and an active GTP-bound state in which they recruit downstream effector proteins onto membranes.
Product Categories/Family for anti-RAB14 antibody	Cell Marker; Subcellular Marker; Membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	48146905
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NCBI GeneID	51552
UniProt Accession #	P61106 ; P35287 ; Q5JVD4 ; Q6Q7K5 ; Q969L0 ; Q9UI11 ; B3KR31
Molecular Weight	Predicted MW: 24kDa
NCBI Official Full Name	RAB14
NCBI Official Synonym Full Names	RAB14, member RAS oncogene family
NCBI Official Symbol	RAB14
NCBI Official Synonym Symbols	FBP; RAB-14
NCBI Protein Information	ras-related protein Rab-14
UniProt Protein Name	Ras-related protein Rab-14
UniProt Gene Name	RAB14

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/rab14-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62364>