

Mouse anti-Human, Mouse RAB23 Monoclonal Antibody | anti-RAB23 antibody

Anti-RAB23 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266123	Mouse	Human, Mouse	Flow Cytometry, Functional Assay, Immunofluorescence, Western Blot

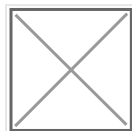
PRODUCT SYNONYMS

RAB23; Monoclonal Antibody; Anti-RAB23 Antibody; anti-RAB23 antibody

PRODUCT SPECIFICATIONS

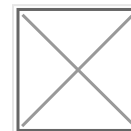
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Specificity	Recognizes endogenous levels of RAB23 protein.
Purity/Purification	This antibody is purified through a protein G column.
Form/Format	Mouse IgG1. Liquid in PBS, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-RAB23 antibody	FCM/FACS (Flow Cytometry), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human RAB23. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



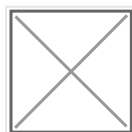
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of U2OS cells using Anti-RAB23 Antibody. The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody at 37 °C for 60 min. The secondary antibody Goat Anti-Mouse IgG (H&L) - AF488 was incubated at 37 °C for 40 min. Isotype control antibody (blue line) was used under the same condition.



IF (Immunofluorescence)

Immunofluorescent analysis of RAB23 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF555 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of RAB23 expression in human brain (A), mouse brain (B), MDAMB231 (C), mouse Cerebellum (D), human Cerebellum (E) whole cell lysates. (Predicted band size: 26 kD; Observed band size: 31 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-RAB23 antibody	Mouse monoclonal antibody to RAB23
Product Categories/Family for anti-RAB23 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	523425714
NCBI GeneID	51715
NCBI Accession #	NP_001265595.1
NCBI GenBank Nucleotide #	NM_001278666.1
UniProt Accession #	Q9ULC3 ; P35288
Molecular Weight	26,659 Da
NCBI Official Full Name	ras-related protein Rab-23
NCBI Official Synonym Full Names	RAB23, member RAS oncogene family
NCBI Official Symbol	RAB23
NCBI Official Synonym Symbols	HSPC137
NCBI Protein Information	ras-related protein Rab-23; RAB family small GTP binding protein RAB 23
UniProt Protein Name	Ras-related protein Rab-23
UniProt Gene Name	RAB23
UniProt Entry Name	RAB23_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/rab23-antibody-flow-cytometry-immunochemistry-immunofluorescence-western-blot-elisa/266123>