

Mouse anti-Human, Mouse Rab5a Monoclonal Antibody | anti-Rab5a antibody

Rab5a antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48006	Mouse	Human, Mouse	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot, ELISA

PRODUCT SYNONYMS

Rab5a; Monoclonal Antibody; Rab5a antibody; RAB5A member RAS oncogene family; RAB5A; member RAS oncogene family; RAB5; member RAS oncogene family RAB 5; RAB 5A; RAS associated protein RAB5A; Ras related protein Rab 5A.; anti-Rab5a antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2b, k
Clone Number	3A4
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	215
Applicable Applications for anti-Rab5a antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human Rab5a (1-215aa) purified from E. coli
Clone Note	Anti-human Rab5a mAb, clone 3A4, is derived from hybridization of mouse SP2/O myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human Rab5a protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



WB (Western Blot)

The extracts of mouse brain (45ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human Rab5a (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

ADDITIONAL INFORMATION

Related Product Information for anti-Rab5a antibody	Rab5a is a member of the RAS oncogene family. Rab5a is a small GTPase localized to the plasma membrane and early endosomes. It is a crucial regulatory component of the endocytic pathway. Activation of Rab5a is mediated by GDP-GTP exchange factors (GEFs) that generate the Rab5-GTP complex.
Product Categories/Family for anti-Rab5a antibody	Cancer
References	Bucci C, et al., (1992) Cell 70 (5): 715-28; Seachrist JL, et al., (2002) J. Biol. Chem. 277 (1): 679-85

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923262
NCBI GeneID	5868
NCBI Accession #	NP_004153
NCBI GenBank Nucleotide #	NM_004162.4
UniProt Accession #	P20339; Q6FI44; B4DJA5
Molecular Weight	22,178 Da
NCBI Official Full Name	ras-related protein Rab-5A isoform 1
NCBI Official Synonym Full Names	RAB5A, member RAS oncogene family
NCBI Official Symbol	RAB5A
NCBI Official Synonym Symbols	RAB5
NCBI Protein Information	ras-related protein Rab-5A
UniProt Protein Name	Ras-related protein Rab-5A
UniProt Gene Name	RAB5A
UniProt Synonym Gene Names	RAB5

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/rab5a-antibody-clone-3a4-immunofluorescence-immunocytochemistry-flow-cytometry-western-blot-elisa/48006>