

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

Rab5a

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48282	Mouse	Human	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

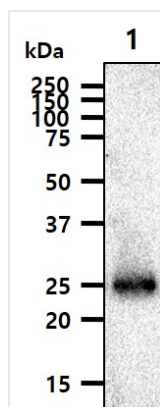
PRODUCT SYNONYMS

Rab5a; Monoclonal 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

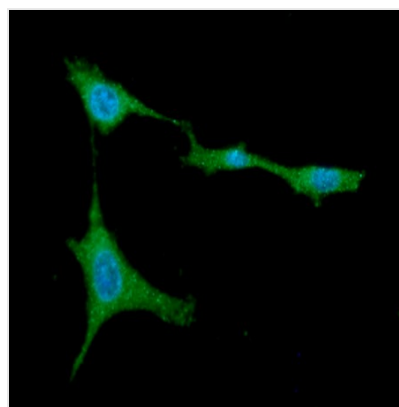
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b kappa
Clone Number	3A4
Purity/Purification	Protein-A Affinity Chromatography
Form/Format	Liquid; In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol.
Concentration	1mg/ml (determined by BCA assay) (varies by lot)
Sequence Length	215
Applicable Applications for anti-Rab5a antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Rab5a (1-215aa) purified from E Coli.
Preparation and Storage	Can be stored at 2 degree C to 8 degree C for 1 week. For long term storage, aliquot and store at -20 degree C to -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



WB (Western Blot)

The mouse tissue lysate(40ug) was resolved by SDS-PAGE, transferred to PVDF 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.;;Lane 1.: Mouse brain tissue lysate



ICC (Immunocytochemistry)

ICC/IF analysis of Rab5a in U87MG cells. The cell was stained (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

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	Neuroscience; Signal Transduction; Tags & Cell Markers
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_004153.2
NCBI GenBank Nucleotide #	NP_004153.2
UniProt Accession #	P20339
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
UniProt Entry Name	RAB5A_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.