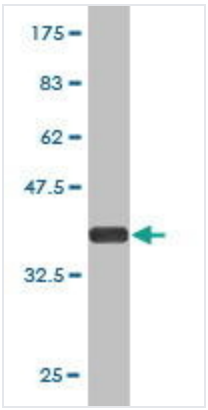
RAB9B Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	RAB9B, Monoclonal Antibody
Full Product Name	RAB9B (Ras-related Protein Rab-9B, Rab-9-like Protein, RAB9L, Rab-9L)
Product Gene Name	anti-RAB9B antibody
Product Synonym Names	Anti -RAB9B (Ras-related Protein Rab-9B, Rab-9-like Protein, RAB9L, Rab-9L)
Immunogen Sequence	QKEFIYYADV KDPEHFPFVV LGNKVDKEDR QVTTEEAQTW CMENGDYPYL ETSAKDDTNV TVAFEEAVRQ VLAVEEQLEH CMLGHTIDLN SGSKAGSSCC
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3C9
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Recognizes human RAB9B.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	22,719 Da
Chromosome Location	Chromosome: X; NC_000023.10 (103077255..103087212, complement). Location: Xq22.1-q22.3
OMIM	300285
3D Structure	ModBase 3D Structure for Q9NP90
Immunogen	Partial recombinant corresponding to aa102-202 from human RAB9B (NP_057454) with GST tag. MW of the GST tag alone is 26kD.
Product Categories/Family for anti-RAB9B antibody	Antibodies; Abs to GTPase; Rab; Ras; Rho Proteins
Applications Tested/Suitable for anti-RAB9B antibody	ELISA (EL/EIA), Western Blot (WB)
Application Notes for anti-RAB9B antibody	Suitable for use in ELISA and Western Blot.
Related Product Information for anti-RAB9B antibody	MBS6009834 is an antibody targeting RAB9B. Also known as RAB9B (Ras-related Protein Rab-9B, Rab-9-like Protein, RAB9L, Rab-9L). Reactive in Human. Host: Mouse.
Other Notes	Small volumes of anti-RAB9B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-RAB9B antibody
Western Blot detection against Immunogen (37.11kD).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RAB9B. It may not necessarily be applicable to this product.

NCBI GI #	7705963
NCBI GeneID	51209
NCBI Accession #	NP_057454.1
UniProt Primary Accession #	Q9NP90
UniProt Secondary Accession #	Q52LX2; B2R8M0
UniProt Related Accession #	Q9NP90
GenBank Nucleotide #	NM_016370.2
NCBI Official Full Name	ras-related protein Rab-9B
NCBI Official Synonym Full Names	RAB9B, member RAS oncogene family
NCBI Official Symbol	RAB9B
NCBI Official Synonym Symbols	RAB9L; Rab-9L
UniProt Protein Name	Ras-related protein Rab-9B
UniProt Synonym Protein Names	Rab-9-like protein
Protein Family	Ras-related protein
UniProt Gene Name	RAB9B
UniProt Synonym Gene Names	RAB9L; Rab-9L
UniProt Entry Name	RAB9B_HUMAN
NCBI Protein Information	ras-related protein Rab-9B; RAB9-like protein; rab-9-like protein
NCBI Summary for RAB9B	This gene encodes a member of a subfamily of RAS small guanosine triphosphate (GTP)-binding proteins that regulate membrane trafficking. The encoded protein may be involved in endosome-to-Golgi transport. [provided by RefSeq, Jan 2010]

UniProt Comments for RAB9B	RAB9B: Involved in the transport of proteins between the endosomes and the trans Golgi network. Belongs to the small GTPase superfamily. Rab family. Protein type: G protein, monomeric; G protein, monomeric, Rab Chromosomal Location of Human Ortholog: Xq22.2 Cellular Component: phagocytic vesicle membrane; lysosome; late endosome; vacuolar membrane; plasma membrane; phagocytic vesicle Molecular Function: GTPase activity; protein binding; GDP binding; GTP binding Biological Process: intracellular protein transport; metabolic process; Rab protein signal transduction; retrograde transport, endosome to Golgi
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/monoclonal-human-antibody/rab9b/6009834