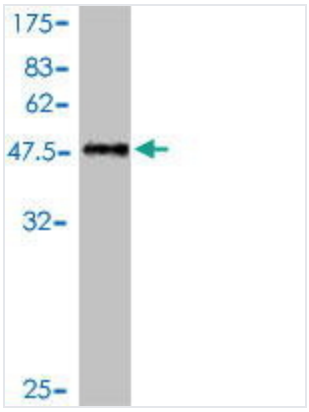
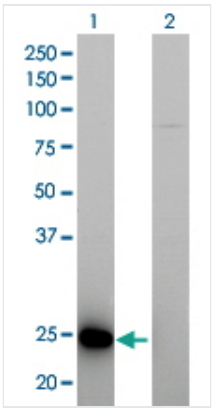
RAB39B Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

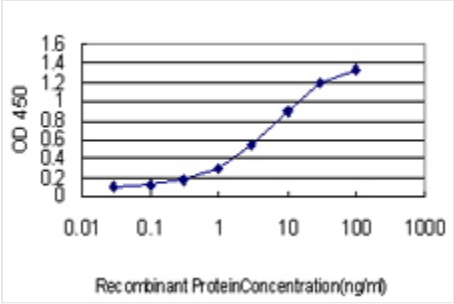
Product Name	RAB39B, Monoclonal Antibody
Full Product Name	RAB39B (Ras-related Protein Rab-39B, MRX72) (FITC)
Product Gene Name	anti-RAB39B antibody
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1E11
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human RAB39B.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to
Molecular Weight	24,622 Da
Immunogen	Full length recombinant corresponding to aa1-214 from human RAB39B (AAH09714) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MEAIWLYQFRLIVIGDSTVGKSCLIRRFTEGRFAQVSDPTVGVDFFSRLVEIEPGKRIKLQIWDTAGQERFRSITRAYYRNSVGGLLLFDITNRRSFQNVHEV
Conjugate	FITC
Product Categories/Family for anti-RAB39B antibody	Antibodies; GTPase; Rab; Ras; Rho Proteins
Applications Tested/Suitable for anti-RAB39B antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-RAB39B antibody	ELISA: 0.1ng/ml Applications are based on unconjugated antibody.
Related Product Information for anti-RAB39B antibody	MBS6149174 is an antibody targeting RAB39B. Also known as RAB39B (Ras-related Protein Rab-39B, MRX72) (FITC). Reactive in Human. Host: Mou
Other Notes	Small volumes of anti-RAB39B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece dry ice fee may apply.



Western Blot (WB) of anti-RAB39B antibody
Western Blot detection against Immunogen (49.54kD).



Western Blot (WB) of anti-RAB39B antibody
Western Blot analysis of RAB39B expression in transfected 293T cell line by RAB39B monoclonal antibody. Lane 1: RAB39B transfected lysate (25kD). Lane 2: Non-transfected lysate.



Testing Data of anti-RAB39B antibody
Detection limit for recombinant GST tagged RAB39B is ~0.1ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RAB39B. It may not necessarily be applicable to this product.

NCBI GI #	16307250
NCBI GeneID	116442
NCBI Accession #	BC009714
NCBI Related Accession #	AAH09714
UniProt Secondary Accession #	Q5JT79; Q8NEX3
UniProt Related Accession #	Q96DA2
NCBI Official Full Name	Homo sapiens RAB39B, member RAS oncogene family, mRNA
NCBI Official Synonym Full Names	RAB39B, member RAS oncogene family
NCBI Official Symbol	RAB39B
NCBI Official Synonym Symbols	WSMN; MRX72
Protein Family	Ras-related protein
NCBI Protein Information	ras-related protein Rab-39B
NCBI Summary for RAB39B	This gene encodes a member of the Rab family of proteins. Rab proteins are small GTPases that are involved in vesicular trafficking. Mutations in this gene are associated with X-linked mental retardation. [provided by RefSeq, Aug 2013]
Research Articles on RAB39B	**1.** RAB39B is an essential regulator of vesicular-trafficking in clinically typical Parkinson's disease

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