

Mouse RAB11B Monoclonal Antibody | anti-RAB11B antibody

Anti-RAB11B Antibody (Monoclonal, 6C5)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125506	Mouse	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Western Blot

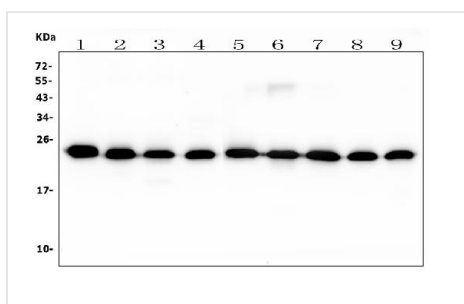
PRODUCT SYNONYMS

RAB11B; Monoclonal Antibody; Anti-RAB11B Antibody (Monoclonal; 6C5); Ras-related protein Rab-11B; GTP-binding protein YPT3; YPT3; anti-RAB11B antibody

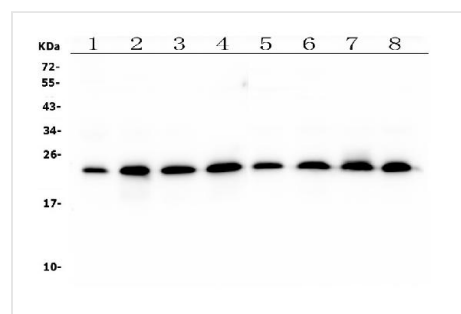
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	6C5
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	218
Applicable Applications for anti-RAB11B antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence of human RAB11B (QKQIADRAAHDESPGNNVVDISVPPTTDGQKPNKLQCC).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

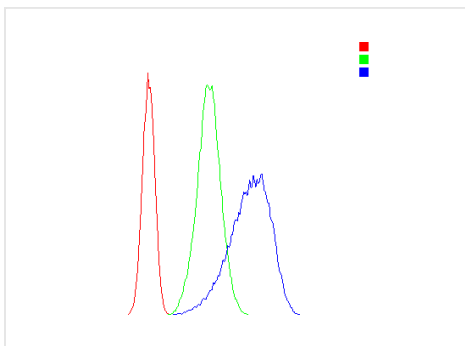
IMAGES



WB (Western Blot)



WB (Western Blot)



FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-RAB11B antibody	Description: Mouse IgG monoclonal antibody for RAB11B detection. Tested with WB,FCM in Human;Rat,Mouse. Background: Ras-related protein Rab-11B is a protein that in humans is encoded by the RAB11B gene. It is mapped to 19p13.2. The Ras superfamily of small GTP-binding proteins, which includes the Ras, Ral, Rho, Rap, and Rab families, is involved in controlling a diverse set of essential cellular functions. The Rab family, including RAB11B, appears to play a critical role in regulating exocytotic and endocytotic pathways.
References	1. Gross, M. B. Personal Communication. Baltimore, Md. 7/25/2014. 2. Lamers, I. J. C., Reijnders, M. R. F., Venselaar, H., Kraus, A., DDD Study, Jansen, S., de Vries, B. B. A., Houge, G., Gradek, G. A., Seo, J., Choi, M., Chae, J.-H., and 11 others. Recurrent de novo mutations disturbing the GTP/GDP binding pocket of RAB11B cause intellectual disability and a distinctive brain phenotype. <i>Am. J. Hum. Genet.</i> 101: 824-832, 2017. 3. Zhu, A. X., Zhao, Y., Flier, J. S. Molecular cloning of two small GTP-binding proteins from human skeletal muscle. <i>Biochem. Biophys. Res. Commun.</i> 205: 1875-1882, 1994.

NCBI AND UNIPROT INFORMATION

NCBI GI #	190358517
NCBI GeneID	9230
NCBI Accession #	NP_004209.2
NCBI GenBank Nucleotide #	NP_004209.2
UniProt Accession #	Q15907
NCBI Official Full Name	ras-related protein Rab-11B
NCBI Official Synonym Full Names	RAB11B, member RAS oncogene family
NCBI Official Symbol	RAB11B
NCBI Official Synonym Symbols	H-YPT3; NDAGSCW
NCBI Protein Information	ras-related protein Rab-11B
UniProt Protein Name	Ras-related protein Rab-11B
UniProt Gene Name	RAB11B
UniProt Synonym Gene Names	YPT3
UniProt Entry Name	RB11B_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.