

Rabbit anti-Human MYO1B Monoclonal Antibody | anti-MYO1B antibody

MYO1B Rabbit mAb

CATALOG # AAA282883	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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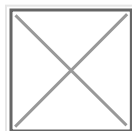
PRODUCT SYNONYMS

MYO1B; Monoclonal Antibody; MYO1B Rabbit mAb; MMLa; myr1; MYH-1c; MMI-alpha; anti-MYO1B antibody

PRODUCT SPECIFICATIONS

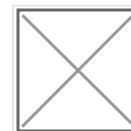
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	RIFHLWRCKK YRDQFTDQQK LIYEKLEAS ELFKDKKALY PSSVGQPFQG AYLEINKNPK YKKLKDAIEE KIIIAEVVNK INRANGKSTS RIFLLTNNNL LLADQKSGQI KSEVPLVDVT KISMSSQNDG FFAVHLKEGS EAASKGDFLF SSDHLIEMAT KLYRTTLSQT KQKLNIEISD EFLVQFRQDK VCVKFIQGNQ KNGSVPTCKR KNNRLLEVAV P
Applicable Applications for anti-MYO1B antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 916-1136 of Human MYO1B (NP_001123630.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates using MYO1B Rabbit mAb (AAA282883) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



WB (Western Blot)

Western blot analysis of lysates from Mouse lung, using MYO1B Rabbit mAb (AAA282883) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-MYO1B antibody	Enables ATP binding activity; actin filament binding activity; and microfilament motor activity. Involved in actin filament organization and post-Golgi vesicle-mediated transport. Located in several cellular components, including actin filament; endosome; and perinuclear region of cytoplasm. Colocalizes with trans-Golgi network membrane.
Product Categories/Family for anti-MYO1B antibody	Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	194328685
NCBI GeneID	4430
NCBI Accession #	NP_001123630.1
NCBI GenBank Nucleotide #	NM_001130158.1
UniProt Accession #	O43795; O43794; Q7Z6L5
Molecular Weight	Calculated MW: 132kDa Observed MW: 132kDa
UniProt Protein Name	Unconventional myosin-Ib
UniProt Gene Name	MYO1B
UniProt Synonym Gene Names	MMI-alpha; MMIa
UniProt Entry Name	MYO1B_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/myo1b-antibody-western-blot-elisa/282883>