

Mouse anti-Human MYO18B Monoclonal Antibody | anti-MYO18B antibody

Anti-MYO18B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266091	Mouse	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MYO18B; Monoclonal Antibody; Anti-MYO18B Antibody; anti-MYO18B antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b kappa
Specificity	Recognizes endogenous levels of MYO18B protein.
Purity/Purification	This antibody is purified through a protein G column.
Form/Format	Mouse IgG2b kappa. Liquid in PBS, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-MYO18B antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human MYO18B. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



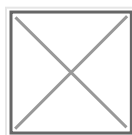
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of A431 cells using Anti-MYO18B Antibody. The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody at 37 °C for 60 min. The secondary antibody Goat Anti-Mouse IgG (H&L) - AF488 was incubated at 37 °C for 40 min. Isotype control antibody (blue line) was used under the same condition.



IHC (Immunohistochemistry)

Immunohistochemical analysis of MYO18B staining in human heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of MYO18B expression in recombinant protein (A) whole cell lysates. (Predicted band size: 285 kD; Observed band size: 36 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-MYO18B antibody	Mouse monoclonal antibody to MYO18B
Product Categories/Family for anti-MYO18B antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	51317366
NCBI GeneID	84700
NCBI Accession #	NP_115997.5
NCBI GenBank Nucleotide #	NM_032608.5
UniProt Accession #	Q8IUUG5; Q8NDI8; Q8TE65; Q8WWS0; Q96KH2; Q96KR8; Q96KR9; B2RWP3; Q68D67; Q8N903
Molecular Weight	285,185 Da
NCBI Official Full Name	myosin-XVIIIb
NCBI Official Synonym Full Names	myosin XVIIIb
NCBI Official Symbol	MYO18B
NCBI Official Synonym Symbols	FLJ41942; DKFZp434C2422; DKFZp779C1668
NCBI Protein Information	myosin-XVIIIb; myosin 18B; OTTHUMP00000198632; OTTHUMP00000239235; OTTHUMP00000239236
UniProt Protein Name	Myosin-XVIIIb
UniProt Gene Name	MYO18B
UniProt Entry Name	MY18B_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/myo18b-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/266091>