

Myosin 10 Rabbit mAb

Catalog No: #52823



Package Size: #52823-1 50ul #52823-2 100ul

Orders: order@signalwayantibody.com
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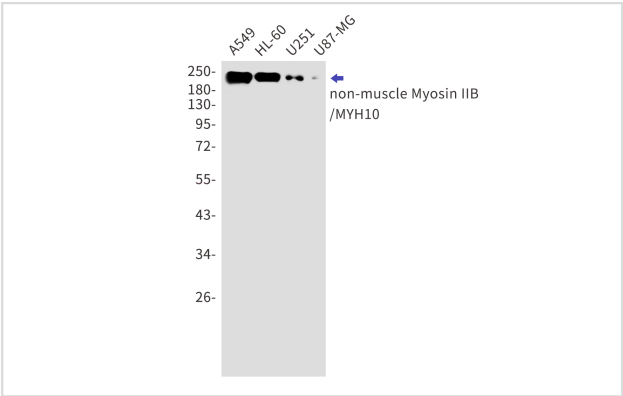
Description

Product Name	Myosin 10 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S05-6D8
Isotype	IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human non-muscle Myosin IIB/MYH10
Conjugates	Unconjugated
Modification	Unmodification
Other Names	NMMHCB; NMMHC-IIB
Accession No.	Swiss-Prot:P35580GenelD:4628
Uniprot	P35580
GenelD	4628
Calculated MW	Calculated MW:229 kDa,Observed MW:229 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000

Images



Western blot detection of non-muscle Myosin IIB/MYH10 in A549,HL-60,U251,U87-MG cell lysates using non-muscle Myosin IIB/MYH10 Rabbit mAb(1:1000 diluted).Predicted band size:229kDa.Observed band size:229kDa.

Background

Cellular myosin that appears to play a role in cytokinesis, cell shape, and specialized functions such as secretion and capping. Involved with LARP6 in the stabilization of type I collagen mRNAs for CO1A1 and CO1A2. During cell spreading, plays an important role in cytoskeleton reorganization, focal contacts formation (in the central part but not the margins of spreading cells), and lamellipodial extension; this function is mechanically antagonized by MYH9.

Note: This product is for in vitro research use only