

For Research Use Only

MYO1E Monoclonal antibody

Catalog Number: 68152-1-Ig



Basic Information

Catalog Number: 68152-1-Ig	GenBank Accession Number: BC098392	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4643	CloneNo.: 2A12F5
Source: Mouse	UNIPROT ID: Q12965	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: myosin IE	
Immunogen Catalog Number: AG12244	Calculated MW: 1108 aa, 127 kDa	
	Observed MW: 120-150 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, Mouse, Rat

Positive Controls:

WB : A549 cells, LNCaP cells, HeLa cells, HepG2 cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells

Background Information

MYO1E, also named as Myosin-Ie and MYO1C (distinct from the MYO1C gene located on chromosome 17), encodes a member of the nonmuscle class I myosins which are a subgroup of the unconventional myosin protein family. The unconventional myosin proteins function as actin-based molecular motors. This protein localizes to the cytoplasm and may be involved in intracellular movement and membrane trafficking. Mutations in this gene are the cause of focal segmental glomerulosclerosis-6.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

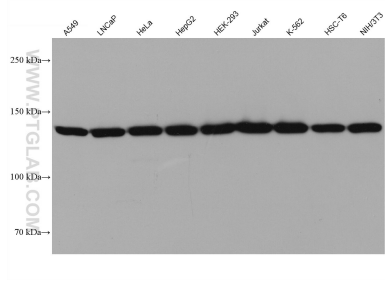
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68152-1-Ig (MYO1E antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.