For Research Use Only

MYO1E Monoclonal antibody

Catalog Number:68152-1-Ig

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Basic Information

Catalog Number:
68152-1-Ig

Size:
150ul , Concentration: 1000 ug/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG12244

GenBank Accession Number:
BC098392

GeneID (NCBI):
4643

UNIPROT ID:
Q12965

Full Name:
myosin IE

Calculated MW:
1108 aa, 127 kDa

Observed MW:
120-150 kDa

Purification Method:
Protein G purification

CloneNo.:
2A12F5

Recommended Dilutions:
WB 1:5000-1:50000

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.

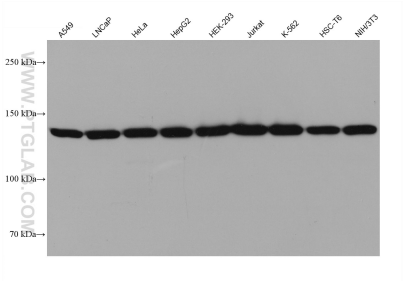
Storage

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

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.