

MYO1E Monoclonal antibody

Catalog Number: 68152-1-Ig

Basic Information

Catalog Number:

68152-1-Ig

Size:

1000 µg/ml

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

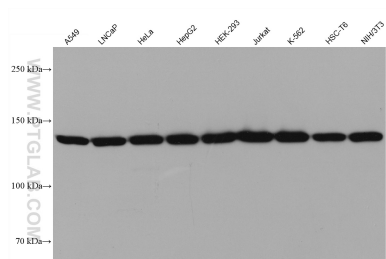
For technical support and original validation data for this product please contact:

T: 4006900926

E: Proteintech-CN@ptglab.comW: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.