

For Research Use Only

MON1B Monoclonal antibody

Catalog Number: 67985-1-Ig **Featured Product**



Basic Information

Catalog Number:

67985-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG9920

GenBank Accession Number:

BC024277

GeneID (NCBI):

22879

UNIPROT ID:

Q7L1V2

Full Name:

MON1 homolog B (yeast)

Calculated MW:

547 aa, 59 kDa

Observed MW:

59 kDa

Purification Method:

Protein A purification

CloneNo.:

3E7C6

Recommended Dilutions:

WB 1:2000-1:10000

IF 1:200-1:800

Applications

Tested Applications:

IF/ICC, WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : LNCaP cells, HeLa cells, A549 cells, HEK-293 cells, Jurkat cells, HepG2 cells, K-562 cells, SW480 cells, MCF-7 cells

IF : HeLa cells,

Background Information

Vacuolar fusion protein MON1 homolog B (MON1B) is also named as HSRG1, KIAA0872 and SAND2, and belongs to the MON1/SAND family. The membrane recruitment of MON1B, a homolog of yeast MON1 protein in mammals, is essential for vesicular fusion of early endosomes (PMID:26987402).

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:

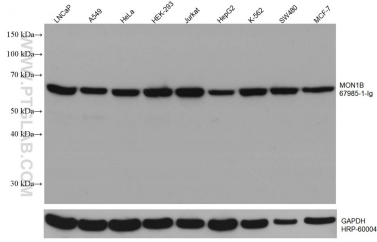
T: 4006900926

E: Proteintech-CN@ptglab.com

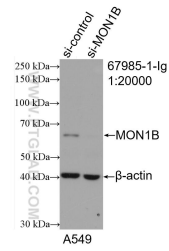
W: ptgcn.com

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

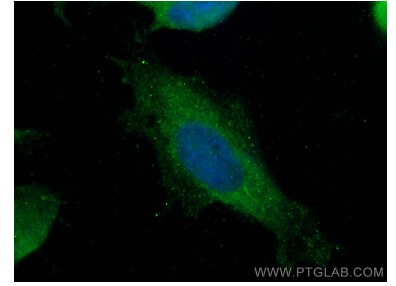
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67985-1-Ig (MON1B antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



WB result of MON1B antibody (67985-1-Ig: 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MON1B transfected A549 cells.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using MON1B antibody (67985-1-Ig, Clone: 3E7C6) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).