

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/ICC 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/ICC : 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:

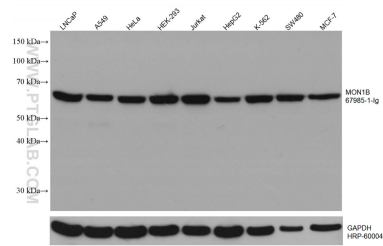
T: 4006900926

E: Proteintech-CN@ptglab.com

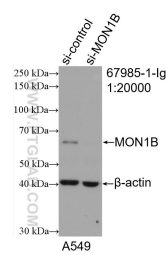
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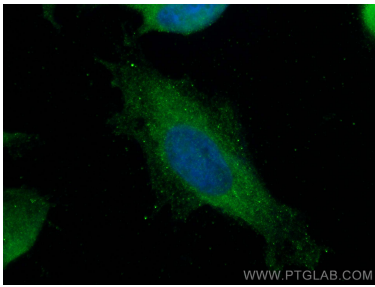
Selected Validation Data



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).