

For Research Use Only

IMMT Recombinant monoclonal antibody

Catalog Number: 88213-2-RR



Basic Information

Catalog Number:

88213-2-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0102

GenBank Accession Number:

BC002412

GeneID (NCBI):

10989

UNIPROT ID:

Q16891

Full Name:

inner membrane protein,
mitochondrial (mitofilin)

Calculated MW:

90 kDa

Observed MW:

80-90 kDa

Purification Method:

Protein A purification

CloneNo.:

260293A12

Recommended Dilutions:

WB: 1:1000-1:8000

IF/ICC: 1:250-1:1000

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HeLa cells, HepG2 cells, HEK-293 cells, Raji cells,
A-673 cells, mouse brain tissue

IF/ICC : HepG2 cells,

Background Information

IMMT (also known as mitofilin) is an inner mitochondrial membrane protein that is preferentially expressed in heart tissue and is commonly used as the marker for mitochondria. Mitofilin is known to be a critical organizer of mitochondrial cristae morphology and is indispensable for normal mitochondrial function.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

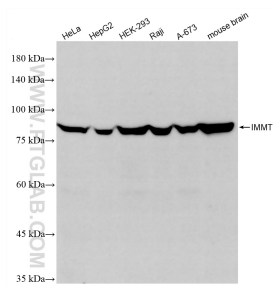
T: 4006900926

E: Proteintech-CN@ptglab.com

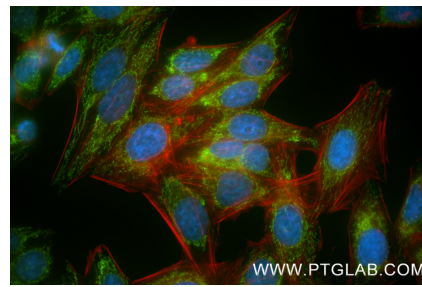
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88213-2-RR (IMMT antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using IMMT antibody (88213-2-RR, Clone: 260293A12) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).