

For Research Use Only

IMMT Recombinant monoclonal antibody, PBS Only

Catalog Number: 88213-2-PBS



Basic Information

Catalog Number:

88213-2-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

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 -80°C.

Storage Buffer:

PBS only, pH7.3

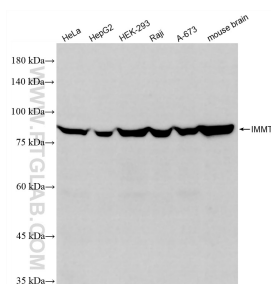
For technical support and original validation data for this product please contact:

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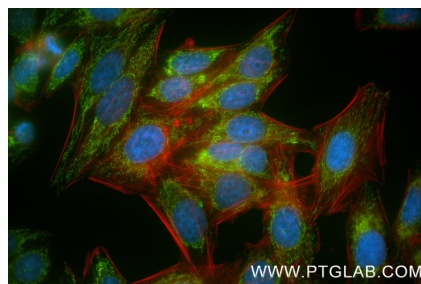
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Selected Validation Data



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. This data was developed using the same antibody clone with 88213-2-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 88213-2-PBS in a different storage buffer formulation.