

For Research Use Only

IMMT Recombinant monoclonal antibody

Catalog Number: 88213-2-RR



Basic Information

Catalog Number: 88213-2-RR	GenBank Accession Number: BC002412	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10989	CloneNo.: 260293A12
Source: Rabbit	UNIPROT ID: Q16891	Recommended Dilutions: WB: 1:1000-1:8000 IF/ICC: 1:250-1:1000
Isotype: IgG	Full Name: inner membrane protein, mitochondrial (mitofilin)	
Immunogen Catalog Number: AG0102	Calculated MW: 90 kDa	
	Observed MW: 80-90 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human, mouse	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

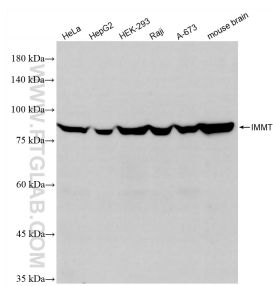
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

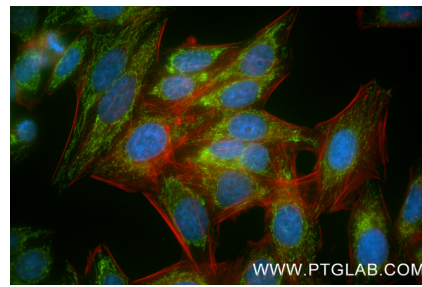
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 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).