

For Research Use Only

MARCH5 Recombinant monoclonal antibody

Catalog Number: 87790-1-RR



Basic Information

Catalog Number: 87790-1-RR	GenBank Accession Number: BC015480	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 54708	CloneNo.: 253335F11
Source: Rabbit	UNIPROT ID: Q9NX47	Recommended Dilutions: WB: 1:5000-1:50000 IF-P: 1:200-1:800
Isotype: IgG	Full Name: membrane-associated ring finger (C3HC4) 5	
Immunogen Catalog Number: AG2806	Calculated MW: 278 aa, 31 kDa	
	Observed MW: 27-31 kDa	

Applications

Tested Applications: WB, IF-P, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : U-937 cells, HuH-7 cells, mouse liver tissue, mouse skeletal muscle tissue, rat skeletal muscle tissue, human skeletal muscle tissue
	IF-P : mouse brain tissue,

Background Information

MARCH5(E3 ubiquitin-protein ligase MARCH5) is a 31 kDa protein also named as RNF153. This protein plays a protective role against mitochondrial dysfunction caused by the mitochondrial accumulation of mSOD1 via the ubiquitin-proteasome pathway (PMID:19741096). And it may regulate MAP1B LC1 function in mitochondria by controlling mitochondrial aggregation via mitochondrial LC1 levels(PMID:22308378). MEARCH5 can exist as a homodimer with MW 65-70 kDa.

Storage

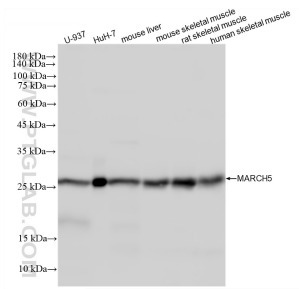
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

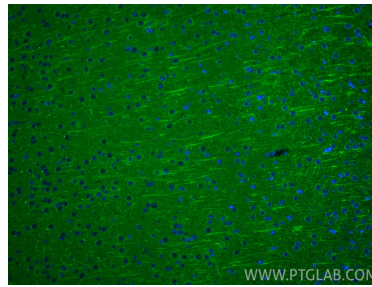
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 87790-1-RR (MARCH5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using MARCH5 antibody (87790-1-RR, Clone: 253335F11) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).