

For Research Use Only

MARCH5 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87790-1-PBS



Basic Information

Catalog Number: 87790-1-PBS	GenBank Accession Number: BC015480	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 54708	CloneNo.: 253335F11
Source: Rabbit	UNIPROT ID: Q9NX47	
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, Indirect ELISA

Species Specificity:
human, mouse, rat

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

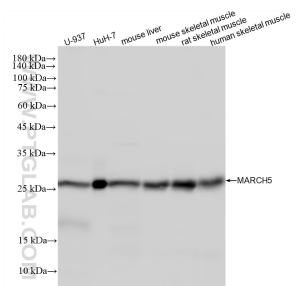
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

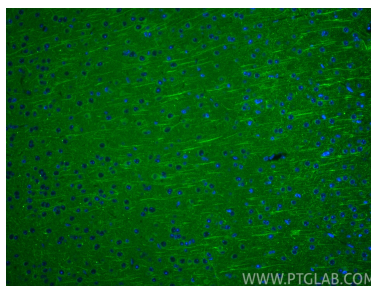
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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. This data was developed using the same antibody clone with 87790-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 87790-1-PBS in a different storage buffer formulation.