

For Research Use Only

MINPP1 Recombinant monoclonal antibody

Catalog Number: 87117-4-RR



Basic Information

Catalog Number: 87117-4-RR	GenBank Accession Number: BC032504	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9562	CloneNo.: 252434D11
Source: Rabbit	UNIPROT ID: Q9UNW1	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:200-1:800
Isotype: IgG	Full Name: multiple inositol polyphosphate histidine phosphatase, 1	
Immunogen Catalog Number: AG34998	Calculated MW: 55 kDa	
	Observed MW: 45-50 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : SW480 cells, K-562 cells, HEK-293 cells, HepG2 cells, PANC-1 cells IF/ICC : HepG2 cells,

Background Information

MINPP1 (multiple inositol-polyphosphate phosphatase 1), also known as MIPP and MINPP2, is an enzyme that catalyzes the removal of the 3-phosphate group from inositol phosphate substrates. It plays a crucial role in the metabolism of inositol polyphosphates, which are important second messengers in cellular signaling pathways. MINPP1 has been implicated in various diseases, including certain types of cancer, where its expression levels may be associated with tumor progression and differentiation.

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

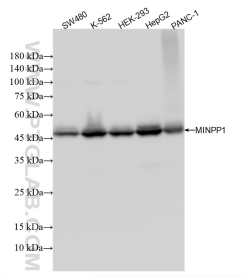
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

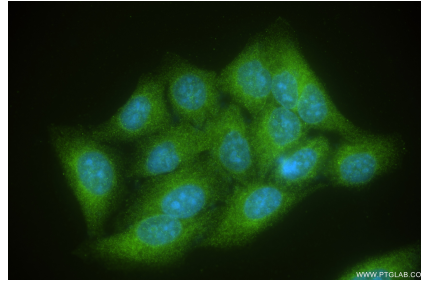
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87117-4-RR (MINPP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using MINPP1 antibody (87117-4-RR, Clone: 252434D11) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).