

For Research Use Only

MINPP1 Recombinant monoclonal antibody

Catalog Number:87117-4-RR



Basic Information

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

Applications

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| 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

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

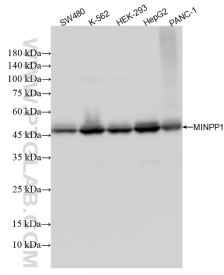
T: 4006900926

E: Proteintech-CN@ptglab.com

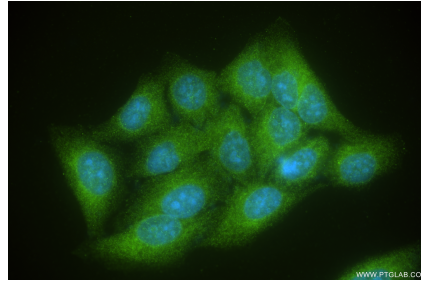
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Selected Validation Data



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).