

For Research Use Only

ITPRIP Recombinant monoclonal antibody

Catalog Number:88074-2-RR



Basic Information

Catalog Number: 88074-2-RR	GenBank Accession Number: NM_001272012.2	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 85450	CloneNo.: 260374A2
Source: Rabbit	UNIPROT ID: Q8IWB1	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: inositol 1,4,5-triphosphate receptor interacting protein	
Immunogen Catalog Number: EG5612	Calculated MW: 62 kDa	
	Observed MW: 62 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, MDA-MB-453 cells, U-87 MG cells
Species Specificity: human	

Background Information

ITPRIP (inositol 1,4,5-trisphosphate receptor interacting protein) is a key regulatory protein that binds to IP3 receptors to modulate endoplasmic reticulum calcium release and intracellular calcium homeostasis. It is widely expressed in human tissues with high abundance in the central nervous system. ITPRIP participates in neurodevelopment, cell apoptosis, innate immunity and tumor progression. Its abnormal expression is closely linked to glioma malignancy, neurodevelopmental disorders and immune dysfunction, serving as an essential molecule in physiological regulation and disease pathogenesis. (PMID: 29899107)

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

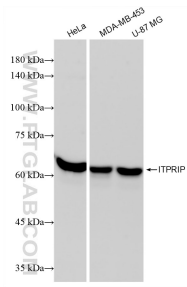
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88074-2-RR (ITPRIP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.