

For Research Use Only

# ITPRIP Recombinant monoclonal antibody

Catalog Number: 88074-2-RR



## Basic Information

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

## Applications

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

## Background Information

ITPRIP (inositol 1,4,5-triphosphate 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

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

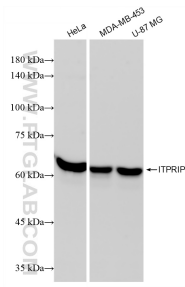
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## Selected Validation Data



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.