

For Research Use Only

# ITPRIP Recombinant monoclonal antibody, PBS Only

Catalog Number: 88074-2-PBS



## Basic Information

|  |   |   |
|--|---|---|
| <b>Catalog Number:</b><br>88074-2-PBS                      | <b>GenBank Accession Number:</b><br>NM_001272012.2                            | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug, Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>85450  | <b>CloneNo.:</b><br>260374A2                          |
| <b>Source:</b><br>Rabbit                                   | <b>UNIPROT ID:</b><br>Q8IWB1  |   |
| <b>Isotype:</b><br>IgG                                     | <b>Full Name:</b><br>inositol 1,4,5-triphosphate receptor interacting protein |   |
| <b>Immunogen Catalog Number:</b><br>EG5612                 | <b>Calculated MW:</b><br>62 kDa   |   |
|  | <b>Observed MW:</b><br>62 kDa   |   |

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
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 -80°C.

**Storage Buffer:**  
PBS only, pH7.3

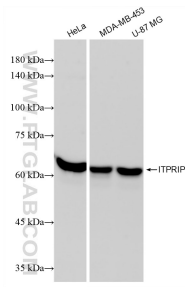
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 88074-2-PBS in a different storage buffer formulation.