

For Research Use Only

# RIPK3 Monoclonal antibody

Catalog Number: 68786-2-Ig



## Basic Information

<b>Catalog Number:</b> 68786-2-Ig	<b>GenBank Accession Number:</b> BC062584	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 11035	<b>CloneNo.:</b> 1F7B3
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9Y572	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG1	<b>Full Name:</b> receptor-interacting serine-threonine kinase 3	
<b>Immunogen Catalog Number:</b> AG11759	<b>Calculated MW:</b> 518 aa, 57 kDa	
	<b>Observed MW:</b> 57 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, HT-29 cells, SK-BR-3 cells, MJ cells, THP-1 cells, Ramos cells
<b>Species Specificity:</b> human	

## Background Information

RIPK3, also named as RIP3, a Ser/Thr kinase of RIP (Receptor Interacting Protein) family, is recruited to the TNFR1 signaling complex through RIP and has been shown to mediate apoptosis induction and NF- $\kappa$ B activation. RIPK3 is a nucleocytoplasmic shuttling protein and its unconventional nuclear localization signal (NLS, 442-472 aa) is sufficient to trigger apoptosis in the nucleus (PMID:18533105). It has 3 isoforms produced by alternative splicing. RIPK3 might form a homodimer within cells, and its apoptotic activity may not be required for this dimerization (PMID:18533105).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

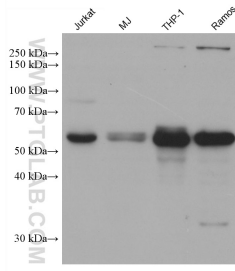
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

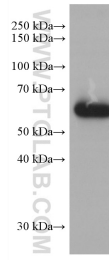
W: [ptgcn.com](http://ptgcn.com)

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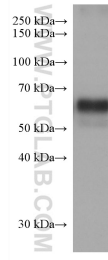
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68786-2-Ig (RIPK3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



HT-29 cells were subjected to SDS PAGE followed by western blot with 68786-2-Ig (RIPK3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



SK-BR-3 cells were subjected to SDS PAGE followed by western blot with 68786-2-Ig (RIPK3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.