

For Research Use Only

RIPK3 Monoclonal antibody

Catalog Number:68786-2-Ig



Basic Information

Catalog Number: 68786-2-Ig	GenBank Accession Number: BC062584	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 11035	CloneNo.: 1F7B3
Source: Mouse	UNIPROT ID: Q9Y572	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG1	Full Name: receptor-interacting serine-threonine kinase 3	
Immunogen Catalog Number: AG11759	Calculated MW: 518 aa, 57 kDa	
	Observed MW: 57 kDa	

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : Jurkat cells, C2C12 cells, HT-29 cells, SK-BR-3 cells, mouse lung tissue, mouse pancreas tissue, rat pancreas tissue, MJ cells, THP-1 cells, Ramos cells

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-κB 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

*** 20ul sizes contain 0.1% BSA

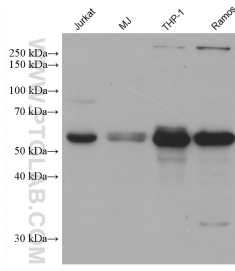
For technical support and original validation data for this product please contact:

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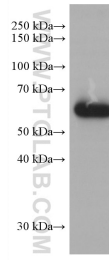
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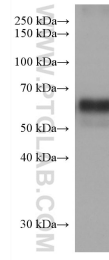
Selected Validation Data



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.