

For Research Use Only

RIPK3 Monoclonal antibody

Catalog Number: 68786-2-Ig **1 Publications**



Basic Information

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|--|---|---|
| Catalog Number: 68786-2-Ig | GenBank Accession Number: BC062584 | Purification Method: Protein A purification |
| Size: 150ul , Concentration: 1000 ug/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

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| Tested Applications: WB, ELISA | 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 |
| Cited Applications: WB | |
| Species Specificity: human, mouse, rat | |
| Cited Species: mouse | |

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- κ 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).

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------|-----------|-------------|-------------|
| L Bai | 39545792 | Physiol Res | WB |

Storage

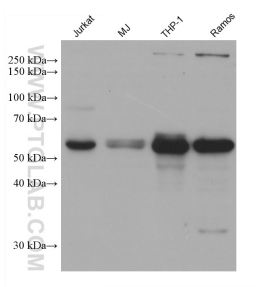
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

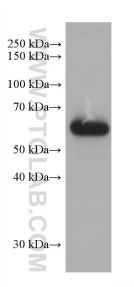
For technical support and original validation data for this product please contact:
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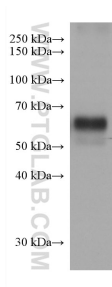
Selected Validation Data



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.