

**Mouse RIPK1
 Recombinant Rabbit Monoclonal Antibody
 Product Datasheet**

Catalog# BX60005

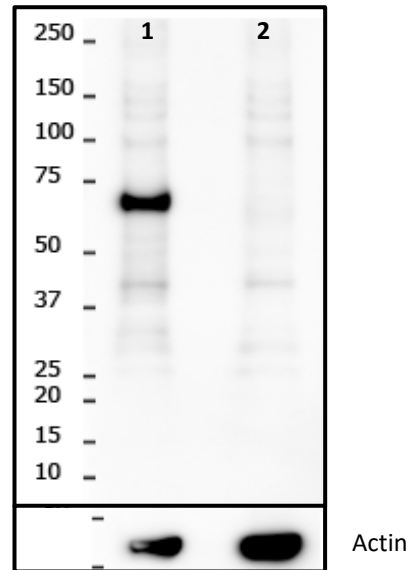
Clone# YJY-4-3

Predicted Molecular Wt: 75kDa
Species Cross-reactivity: Mouse
Species cross-reactivity determined by WB
Applications: WB IHC-P

Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: Q60855

Background:

Serine-threonine kinase which transduces inflammatory and cell-death signals (programmed necrosis) following death receptors ligation, activation of pathogen recognition receptors (PRRs), and DNA damage. Upon activation of TNFR1 by the TNF-alpha family cytokines, TRADD and TRAF2 are recruited to the receptor (By similarity). Phosphorylates DAB2IP at 'Ser-728' in a TNF-alpha-dependent manner, and thereby activates the MAP3K5-JNK apoptotic cascade (By similarity).



All lanes: Anti-MouseRIPK1 antibody at 1:100 dilution

Predicted MW: 75 kDa
 Observed MW: 70 kDa

Lane 1: WT RIPK1 MEFs
 Lane 2: RIPK1 KO MEFs

Lysates at approx. 10 µg per lane
 2nd Ab: GAR HRP(H+L) 1:4,000
 Exposure: 30s

Immunogen:

A synthetic peptide corresponding to residues aa100-200 of mouse RIPK1 was used as an immunogen.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage conditions:

-20°C.

Storage instructions:

Shipped on blue ice. Upon delivery, aliquot, and store at -20°C. Avoid freeze / thaw cycles.

Recommended Dilutions:

WB: 1:10 - 1:100
 IHC-P: 1:10 - 1:100

Background References:

- Huang X, Tan S, Li Y, et al. Caspase inhibition prolongs inflammation by promoting a signaling complex with activated RIPK1. J Cell Biol. 2021;220(6):e202007127.

Product QC'd by:



For research use only. Not for use in diagnostic or therapeutic applications.