

Human RIPK1 Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX60006

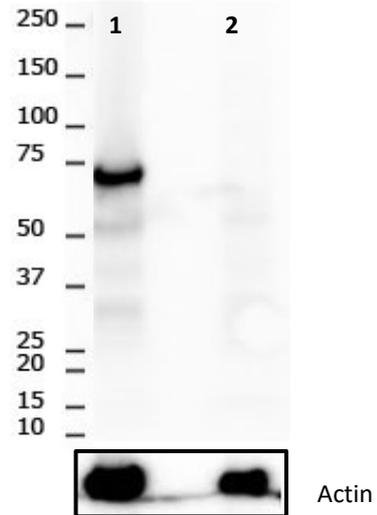
Clone# YJY-5-8

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

Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: Q13546

Background:

Serine-threonine kinase which is a key regulator of TNF-mediated apoptosis, necroptosis and inflammatory pathways. Exhibits kinase activity-dependent functions that regulate cell death and kinase-independent scaffold functions regulating inflammatory signaling and cell survival. Has kinase-independent scaffold functions: upon binding of TNF to TNFR1, RIPK1 is recruited to the TNF-R1 signaling complex (TNF-RSC also known as complex I) where it acts as a scaffold protein promoting cell survival, in part, by activating the canonical NF-kappa-B pathway (By similarity).



Immunogen:

A synthetic peptide corresponding to residues aa200-300 of human RIPK1 was used as an immunogen.

Storage Buffer:

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

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: 1:500 - 1:2,000
 IHC-P: 1:10 - 1:100

All lanes: Anti-Human RIPK1 antibody at 1:2000 dilution

Predicted MW: 75 kDa
 Observed MW: 70 kDa

Lane 1: WT Jurkat cell lysates
 Lane 2: RIPK1 deficient Jurkat cell lysates

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

Background References:

- Xu et al., TBK1 Suppresses RIPK1-Driven Apoptosis and Inflammation during Development and in Aging, Cell, 174, 1–15, 2018.

Product QC'd by: 

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