BOSTER BIOLOGICAL TECHNOLOGY
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Anti-RIP3/RIPK3 (Phospho-S232) Antibody (Monoclonal, 35R03)

Catalog Number: M00202-3

About Ripk3

Receptor-interacting serine/threonine-protein kinase 3(RIPK3), also known as RIP3 is an enzyme that in humans is encoded by the RIPK3 gene. This gene is mapped to 14q12. The product of this gene is a member of the receptor-interacting protein(RIP) family of serine/threonine protein kinases, and contains a C-terminal domain unique from other RIP family members. The encoded protein is predominantly localized to the cytoplasm, and can undergo nucleocytoplasmic shuttling dependent on novel nuclear localization and export signals. It is a component of the tumor necrosis factor(TNF) receptor-I signaling complex, and can induce apoptosis and weakly activate the NF-kappaB transcription factor.

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Overview

Product Name	Anti-RIP3/RIPK3 (Phospho-S232) Antibody (Monoclonal, 35R03)
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-RIP3/RIPK3 (Phospho-S232) Antibody (Monoclonal, 35R03) catalog # M00202-3. Tested in WB, ICC/IF applications. This antibody reacts with Mouse, Rat.
Application	IF, ICC, WB
Clonality	Monoclonal 35R03
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9QZL0

Technical Details

Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Ser232 of Human RIP3.

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Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunocytochemistry/Immunofluorescence, 1:50-200

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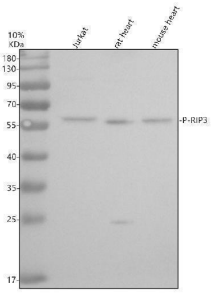
Anti-RIP3/RIPK3 (Phospho-S232) Antibody (Monoclonal, 35R03) (M00202-3) Images



Western blot analysis of RIP3/RIPK3 using anti-RIP3/RIPK3 antibody (M00202-3). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Jurkat whole cell lysates, Lane 2: rat heart tissue lysates, Lane 3: mouse heart tissue lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-RIP3/RIPK3 antigen affinity purified monoclonal antibody (M00202-3) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for RIP3/RIPK3 at approximately 57 kDa. The expected band size for RIP3/RIPK3 is at 57 kDa.

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