BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-RIPK3 Antibody

Catalog Number: M00202

About RIPK3

Essential for necroptosis, a programmed cell death process in response to death-inducing TNF-alpha family members. Upon induction of necrosis, RIPK3 interacts with, and phosphorylates RIPK1 and MLKL to form a necrosis-inducing complex. RIPK3 binds to and enhances the activity of three metabolic enzymes: GLUL, GLUD1, and PYGL. These metabolic enzymes may eventually stimulate the tricarboxylic acid cycle and oxidative phosphorylation, which could result in enhanced ROS production.

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Overview

Product Name	Anti-RIPK3 Antibody
Reactive Species	Human
Description	Boster Bio Anti-RIPK3 Antibody (Catalog # M00202). Tested in WB application(s). This antibody reacts with Human.
Application	WB
Clonality	Monoclonal 2013CT892.86.49
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q9Y572

Technical Details

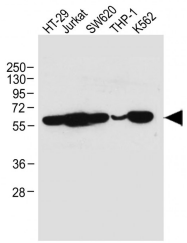
Immunogen	This RIPK3 antibody is generated from a mouse immunized with a recombinate protein from the human region of human RIPK3.
Predicted Reactive Species	Human
Isotype	IgG1,kappa

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Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	WB: 1:1000 Tested Species: In-house tested species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.

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Anti-RIPK3 Antibody (M00202) Images



All lanes : Anti-RIPK3 Antibody at 1:1000 dilutionLane 1: HT-29 whole cell lysateLane 2: Jurkat whole cell lysateLane 3: SW620 whole cell lysateLane 4: THP-1 whole cell lysateLane 5: K562 whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 57 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

Anti-RIPK3 Antibody

For Research Use Only. Not for use in diagnostic procedures.