

## 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.

### Overview

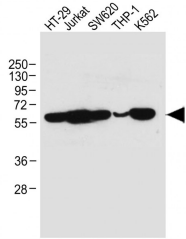
Product Name	Anti-RIPK3 Antibody
Reactive Species	Human
Description	Boster Bio Anti-RIPK3 Antibody (Catalog # M00202). Tested in WB application(s). This antibody reacts with Human.
Application	WB
Clonality	Monoclonal 2013CT892.86.49
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (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 recombinant protein from the human region of human RIPK3.
Predicted Reactive Species	Human
Isotype	IgG1 <sub>κ</sub>
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows:

For protocols, please visit <https://www.bosterbio.com/protocol-and-troubleshooting/>

## Anti-RIPK3 Antibody (M00202) Images



All lanes : Anti-RIPK3 Antibody at 1:1000 dilution

Lane 1: HT-29 whole cell lysate

Lane 2: Jurkat whole cell lysate

Lane 3: SW620 whole cell lysate

Lane 4: THP-1 whole cell lysate

Lane 5: K562 whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at  
1/10000 dilution.

Predicted band size : 57 kDa

Blocking/Dilution buffer: 5% NFD/MTBST.

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