
Product Name: RIPK3 Mouse Monoclonal Antibody**Catalog #: AMM86115**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	56.9kDa

Antigen Information

Gene Name	RIPK3
Alternative Names	Receptor-interacting serine/threonine-protein kinase 3, 2.7.11.1, RIP-like protein kinase 3, Receptor-interacting protein 3, RIP-3, RIPK3, RIP3
Gene ID	11035.0
SwissProt ID	Q9Y572
Immunogen	This RIPK3 antibody is generated from a mouse immunized with a recombinant protein from the human region of human RIPK3.

Background

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.

Research Area

Apoptosis

Image Data

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

