

DATASHEET

RIPK3 Mouse Monoclonal Antibody(C4054)

CAT. NO. AMA03666

KEY FEATURES

Target	RIPK3	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Serine/threonine-protein kinase that activates necroptosis and apoptosis, two parallel forms of cell death . Necroptosis, a programmed cell death process in response to death-inducing TNF family members, is triggered by RIPK3 following activation by ZBP1 . Activated RIPK3 forms a necrosis-inducing complex and mediates phosphorylation of MLKL, promoting MLKL localization to the plasma membrane and execution of programmed necrosis characterized by calcium influx and plasma membrane damage .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

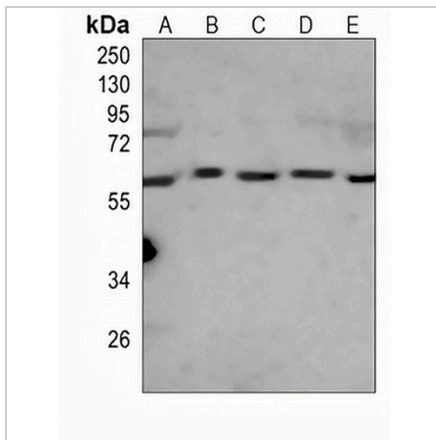
Description	Mouse monoclonal antibody to RIPK3
Specificity	Recognizes endogenous levels of RIPK3 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human RIPK3. The exact sequence is proprietary.
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 56 kD; Observed: 57 kD
Form/Buffer	Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	RIP3; Receptor-interacting serine/threonine-protein kinase 3; RIP-like protein kinase 3; Receptor-interacting protein 3; RIP-3
Gene Symbol	RIPK3
Entrez Gene	11035(Human)
SwissProt	Q9Y572(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of RIPK3 expression in HT29 (A), Jurkat (B), SW620 (C), THP1 (D), K562 (E) whole cell lysates. (Predicted band size: 56 kD; Observed band size: 57 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.