

	<h1>RIPK3 Mouse mAb</h1>	E 2 6 2 0 3 7 5
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Swiss-Prot No.:	Q9Y572
Altername:	RIPK3
Storage/Stability:	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.
Immunogen:	This RIPK3 antibody is generated from a mouse immunized with a recombinant protein from the human region of human RIPK3.
Purification:	Protein A/G
Reactivity:	Human
Other Names:	RIP3
Cellular localization:	Cytoplasm, cytosol. Cell membrane Mitochondrion
Relevance:	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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Source:	Mouse
Antibody type:	Monoclonal antibody
Isotype:	IgG1, κ
Molecular Weight:	56887 Da
Preservative:	PBS with 0.09% (W/V) sodium azide, pH7.3.
Recommended Dilutions:	WB:1:1000