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[Primary Antibody]

Recombinant Rabbit Anti-RIPK1 Monoclonal Antibody

Catalog Number: SLA1081M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1, k
Clonality:	Monoclonal
GeneID:	8737
SWISS:	Q13546
Target:	RIPK1
Immunogen:	KLH conjugated Synthesised phosphopeptide derived from human RIPK1 around the phosphorylation site of Ser161
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-1000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	74 kDa
Background:	Essential adapter molecule for the activation of NF-kappa-B. Following different upstream signals (binding of inflammatory cytokines, stimulation of pathogen recognition receptors, or DNA damage), particular RIPK1-containing complexes are formed, initiating a limited number of cellular responses. Upon TNFA stimulation RIPK1 is recruited to a TRADD-TRAF complex initiated by TNFR1 trimerization. There, it is ubiquitinated via 'Lys-63'-link chains, inducing its association with the IKK complex, and its activation through NEMO binding of polyubiquitin chains.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.