p-RIPK1(S166) Rabbit mAb

Catalog No	YP-Ab-17923
Isotype	IgG
Reactivity	Mouse
Applications	WB,IHC-F,IHC-P,FC,ICC/IF,IP
Gene Name	Ripk1
Alternative Names	Cell death protein RIP,Receptor-interacting protein 1
Research Field	Cell Biology
Product Categories	Primary antibody
Host	Rabbit
Molecular Weight	Calculated MW: 75 kDa,Observed MW:75 kDa
Clonality	Monoclonal Antibody
Clonality No.	-
Dilution	WB: 1/1000 - 1/2000; IP: 1/50 - 1/500; ICC/IF: 1/100 - 1/500; IHC-P: 1/100 - 1/500; IHC-F: 1/100 - 1/500
Immunogen	A synthetic phospho-peptide corresponding to residues surrounding serine 166 of Mouse RIPK1
Purification	ProA affinity purified IgG
Conjugation	Unconjugated
Modification	Phosphorylation
Form	Liquid
Buffer System	Liquid in PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA
Concentration	1 mg/ml
Purity	≥90%
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Background	Receptor-interacting serine/threonine-protein kinase 1 is a serine-threonine kinase which transduces inflammatory and cell-death signals (programmed necrosis) following death receptors ligation, activation of pathogen recognition receptors (PRRs), and DNA damage. Upon activation of TNFR1 by the TNF-alpha family cytokines, TRADD and TRAF2 are recruited to the receptor. Phosphorylates DAB2IP at 'Ser-728' in a TNF-alpha-dependent manner, and thereby activates the MAP3K5-JNK apoptotic cascade. RIPK1 is phosphorylated at several sites within the kinase domain that are sensitive to Nec-1, including

Ser14, Ser15, Ser161, and Ser166.

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images