



Recombinant Rabbit Anti-Mouse Ripk1 (Phospho S166) Monoclonal Antibody, clone ZKZ-2-6 (CABT-Z292R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	A synthetic phospho-peptide corresponding to residues surrounding serine 166 of Mouse RIPK1 protein was used as the immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Clone	ZKZ-2-6
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	WB, IP, IF/ICC, IHC-Fr Recommended dilution: WB:1:1,000-1:2,000 IHC-P:1:100-1:500 IF/ICC:1:100-1:500 IHC-Fr:1:100-1:500 IP:1:50-1:500
Molecular Weight	75 kDa
Format	Liquid
Concentration	Lot specific

Size	100 µl
Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
Preservative	0.01% Sodium azide
Storage	Store at -20 °C. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	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.
Keywords	RIPK1; receptor (TNFRSF)-interacting serine-threonine kinase 1; RIP; RIP1; receptor-interacting serine/threonine-protein kinase 1; RIP-1; cell death protein RIP; receptor interacting protein; receptor-interacting protein 1; serine/threonine-protein kinase RIP

GENE INFORMATION

Gene Name	Ripk1
Entrez Gene ID	19766
UniProt ID	Q60855