Store at -20C

526



877-678-TECH (8324)

info@cellsignal.com cellsignal.com

For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: W, IP	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 46-62	Source/Isotype: Rabbit IgG	UniProt ID: #Q9Y572	Entrez-Gene Id: 11035	
Product Usage Information		Application Western Blotting Immunoprecipitation			Dilution 1:1000 1:50		
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.					
Specificity/Sensitivity		RIP3 (E1Z1D) Rabbit mAb recognizes endogenous levels of total RIP3 protein.					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy terminus of human RIP3 protein.					
Background		important regulators of the activation of NF-ĸB, contains a death domai recruitment to TNF-R1 t mediated NF-ĸB activat TNF-receptor-associate interaction with NEMO, induces both NF-ĸB act domain can trigger the Receptor-interacting pr complex to induce apop association between RI programmed necrosis (caspase inhibitors (11-1	f cellular stress the as well as pro-ap- in responsible for through interactio ion, making the co d factors (TRAFs) a leading to IkB ph ivation and apopt apoptotic activity otein 3 (RIP3) was otosis and activati P and RIP3 is a ke necroptosis), a ne 3). RIP3 is phosph	hily of serine-threonine l at trigger pro-survival ar optotic pathways (1). In a interaction with the dea n with TRADD (2,3). RIP- ells more sensitive to ap and can recruit IKKs to th osphorylation and degra osis (2,3). Caspase-8-dep of RIP (8). originally found to inter on of NF-κB (9,10). It has a component of a signal crotic-like cell death ind iorylated at Ser227 and), which is critical for ne	nd inflammatory re- addition to the kina th domain receptor deficient cells show optosis (4,5). RIP al- ne TNF-R1 signaling adation (6,7). Overe bendent cleavage o ract with RIP and the subsequently bee ing pathway that re- uced by TNF in the targets the phosph	sponses through ise domain, RIP r Fas and v a failure in TNF- so interacts with g complex via xpression of RIP f the RIP death the TNF receptor n shown that the esults in presence of	
Background Re	ferences	1. Meylan, E. and Tscho 2. Hsu, H. et al. (1996) <i>I</i> 3. Stanger, B.Z. et al. (19 4. Ting, A.T. et al. (1996) 5. Kelliher, M.A. et al. (1996) 5. Kelliher, M.A. et al. (2000) 7. Zhang, S.Q. et al. (2000) 7. Zhang, S.Q. et al. (2000) 7. Zhang, S.Q. et al. (2000) 7. Yu, P.W. et al. (1999) <i>Ge</i> 9. Yu, P.W. et al. (1999) <i>Ge</i> 10. Sun, X. et al. (1999) <i>J</i> 11. Zhang, D.W. et al. (2 12. He, S. et al. (2009) <i>G</i> 13. Cho, Y.S. et al. (2012)	mmunity 4, 387-90 995) Cell 81, 513-2 998) Immunity 12, 419 998) Immunity 12, 419 900) Immunity 12, 419 900) Immunity 12, 5 900) Immunity 12, 5 900 Science 325, 1 Biol Chem 274, 1 900) Science 325, 1 Cell 137, 1100-11. 9) Cell 137, 1112-23	3. 96. 297-303. -29. 201-11. 26. 6871-5. 332-6.			
Species Reactiv	ity	Species reactivity is det	ermined by testin	g in at least one approve	ed application (e.g.,	western blot).	
Western Blot B	uffer	IMPORTANT: For weste TBS, 0.1% Tween® 20 a			primary antibody i	n 5% w/v BSA, 1X	
Applications Ke	y	W: Western Blotting IP:	: Immunoprecipita	tion			
Cross-Reactivity	y Key	H: Human					

Trademarks and Patents	Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc.
	All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for more information.
Limited Uses	Except as otherwise expressly agreed in a writing signed by a legally authorized representative of CST, the following terms apply to Products provided by CST, its affiliates or its distributors. Any Customer's terms and conditions that are in addition to, or different from, those contained herein, unless separately accepted in writing by a legally authorized representative of CST, are rejected and are of no force or effect.
	Products are labeled with For Research Use Only or a similar labeling statement and have not been approved, cleared, or licensed by the FDA or other regulatory foreign or domestic entity, for any purpose. Customer shall not use any Product for any diagnostic or therapeutic purpose, or otherwise in any manner that conflicts with its labeling statement. Products sold or licensed by CST are provided for Customer as the end-user and solely for research and development uses. Any use of Product for diagnostic, prophylactic or therapeutic purposes, or any purchase of Product for resale (alone or as a component) or other commercial purpose, requires a separate license from CST. Customer shall (a) not sell, license, loan, donate or otherwise transfer or make available any Product to any third party, whether alone or in combination with other materials, or use the Products to manufacture any commercial products, (b) not copy, modify, reverse engineer, decompile, disassemble or otherwise attempt to discover the underlying structure or technology of the Products, or use the Products for the purpose of developing any products or services that would compete with CST products or services, (c) not alter or remove from the Products solely in accordance with CST Product Terms of Sale and any applicable documentation, and (e) comply with any license, terms of service or similar agreement with respect to any third party products or services used by Customer in connection with the Products.