

## RIP3 (D4G2A) Rabbit mAb



Orders: 877-616-CELL (2355)

orders@cellsignal.com

Support: 877-678-TECH (8324)

Web: info@cellsignal.com

cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

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

<b>Applications:</b> V, W-S, IP, IF-IC, FC- FP	<b>Reactivity:</b> M	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 46-62	<b>Source/Isotype:</b> Rabbit IgG	UniProt ID: #Q9QZL0	Entrez-Gene I 56532
Product Usage Information		<b>Application</b> Western Blotting Simple Western™ Immunoprecipitation			<b>Dilution</b> 1:1000 1:10 - 1:50 1:100	
		Immunofluorescence Flow Cytometry (Fixed	•	nistry)		0 - 1:1600 0 - 1:1600
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 $\mu$ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.				
		For a carrier free (BSA and azide free) version of this product see product #74771.				
Specificity/Sensitivity		RIP3 (D4G2A) Rabbit mAb recognizes endogenous levels of total RIP3 protein from mouse.				
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Val370 of mouse RIP3 protein.				
Background		important regulators the activation of NF-k contains a death dom recruitment to TNF-R mediated NF-kB activ TNF-receptor-associa interaction with NEM induces both NF-kB a domain can trigger the Receptor-interacting complex to induce ap association between programmed necrosi caspase inhibitors (11)	of cellular stress the stress that as well as pro-appears from the control of the	mily of serine-threonine at trigger pro-survival and poptotic pathways (1). In a interaction with the deapen with TRADD (2,3). RIP-cells more sensitive to appand can recruit IKKs to the series (2,3). Caspase-8-dependent of RIP (8). It has been of NF-kB (9,10). It has been considered at Ser227 and L), which is critical for ne	nd inflammatory re addition to the kina ath domain receptor deficient cells show optosis (4,5). RIP all he TNF-R1 signaling adation (6,7). Overe bendent cleavage or act with RIP and the subsequently beeing pathway that reuced by TNF in the targets the phosph	sponses through se domain, RIP reas and reast a failure in TNF-so interacts with complex via expression of RIP fethe RIP death reast a failure in shown that the esults in presence of
Background Re	ferences	1. Meylan, E. and Tschopp, J. (2005) <i>Trends Biochem Sci</i> 30, 151-9. 2. Hsu, H. et al. (1996) <i>Immunity</i> 4, 387-96. 3. Stanger, B.Z. et al. (1995) <i>Cell</i> 81, 513-23. 4. Ting, A.T. et al. (1996) <i>EMBO J</i> 15, 6189-96. 5. Kelliher, M.A. et al. (1998) <i>Immunity</i> 8, 297-303. 6. Devin, A. et al. (2000) <i>Immunity</i> 12, 419-29. 7. Zhang, S.Q. et al. (2000) <i>Immunity</i> 12, 301-11. 8. Lin, Y. et al. (1999) <i>Genes Dev</i> 13, 2514-26. 9. Yu, P.W. et al. (1999) <i>J Biol Chem</i> 274, 16871-5. 11. Zhang, D.W. et al. (2009) <i>Science</i> 325, 332-6. 12. He, S. et al. (2009) <i>Cell</i> 137, 1100-11.				

13. Cho, Y.S. et al. (2009) *Cell* 137, 1112-23. 14. Sun, L. et al. (2012) *Cell* 148, 213-27.

Western Blot Buffer IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X

TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

Applications Key W: Western Blotting W-S: Simple Western™ IP: Immunoprecipitation IF-IC: Immunofluorescence

(Immunocytochemistry) FC-FP: Flow Cytometry (Fixed/Permeabilized)

Cross-Reactivity Key M: Mouse

**Trademarks and Patents** Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc.

XP is a registered 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 any trademarks, trade names, logos, patent or copyright notices or markings, (d) use 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.