

## RIP3 (D4G2A) Rabbit mAb



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

<b>Applications:</b> W, 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 Id: 56532
Product Usage Information		Application Western Blotting Simple Western™ Immunoprecipitation Immunofluorescence Flow Cytometry (Fixed	•	istry)	1:100 1:400	00 - 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.  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-kl contains a death dom recruitment to TNF-R1 mediated NF-kB activa TNF-receptor-associatinteraction with NEMC induces both NF-kB acdomain can trigger th Receptor-interacting promplex to induce appassociation between programmed necrosis caspase inhibitors (11	of cellular stress the B, as well as pro-aperain responsible for a through interaction through interaction ation, making the content of the C	nily of serine-threonine lat trigger pro-survival are optotic pathways (1). In a interaction with the dean with TRADD (2,3). RIP-ells more sensitive to appeared can recruit IKKs to the osphorylation and degrapsis (2,3). Caspase-8-depof RIP (8).  originally found to intered on of NF-kB (9,10). It has y component of a signalic crotic-like cell death indicorylated at Ser227 and and which is critical for new	nd inflammatory resaddition to the kina th domain receptor deficient cells show optosis (4,5). RIP also addition (6,7). Overe dended the recent cleavage of act with RIP and the subsequently beeing pathway that reuced by TNF in the targets the phosph	sponses through se domain, RIP Fas and a failure in TNF- so interacts with complex via xpression of RIP f the RIP death e TNF receptor n shown that the esults in presence of
Background Ref	ferences	2. Hsu, H. et al. (1996) 3. Stanger, B.Z. et al. (1995) 5. Kelliher, M.A. et al. (2007) 7. Zhang, S.Q. et al. (2008) 8. Lin, Y. et al. (1999) 9. Yu, P.W. et al. (1999) 10. Sun, X. et al. (1999) 11. Zhang, D.W. et al. (2009) 13. Cho, Y.S. et al. (2009)	ylan, E. and Tschopp, J. (2005) <i>Trends Biochem Sci</i> 30, 151-9.  I, H. et al. (1996) <i>Immunity</i> 4, 387-96.  Inger, B.Z. et al. (1995) <i>Cell</i> 81, 513-23.  g, A.T. et al. (1996) <i>EMBO J</i> 15, 6189-96.  Iliher, M.A. et al. (1998) <i>Immunity</i> 8, 297-303.  Inin, A. et al. (2000) <i>Immunity</i> 12, 419-29.  Ing, S.Q. et al. (2000) <i>Immunity</i> 12, 301-11.  I.Y. et al. (1999) <i>Genes Dev</i> 13, 2514-26.  P.W. et al. (1999) <i>Curr Biol</i> 9, 539-42.  Inin, X. et al. (1999) <i>J Biol Chem</i> 274, 16871-5.  Inang, D.W. et al. (2009) <i>Science</i> 325, 332-6.  Inin, Y.S. et al. (2009) <i>Cell</i> 137, 1100-11.  Inon, Y.S. et al. (2009) <i>Cell</i> 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

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