

AROR

Phospho-NF-κB p105 (Ser932) (178F3) 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

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Applications: Reactivity: H	Sensitivity: Endogenous	MW (kDa): 105	Source/Isotype: Rabbit IgG	UniProt ID: #P19838	Entrez-Gene Id: 4790
Product Usage Information	Application Immunohistochemistry (Paraffin)			Dilution 1:150	
Storage	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BS 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.				rol and less than
	For a carrier free (BSA and azide free) version of this product see product #41317.				
Specificity/Sensitivity	Phospho-NF-kappaB p105 (Ser932) (178F3) Rabbit mAb detects endogenous levels of p105NF-kappaB only when phosphorylated at serine 932.				
Source / Purification	Monoclonal antibody is produced by immunizing animals with a synthetic phosphopeptide corresponding to amino acids around Ser932 of NF-kappaB p105.				
Background	immune responses (1 (p105/p50), and NF-kl proteasome to produ complexes that bind cytoplasm by IkB inhi IkB proteins, targetin releasing NF-kB to en regulate the phosphothe nucleus (9-11).	,2). There are five fa B2 (p100/p52). Both ce p50 and p52, res DNA and regulate tr bitory proteins (3-5) g them for rapid de ter the nucleus whe orylation and proces ed phosphorylation	r kB (NF-κB)/Rel family p mily members in mamn p105 and p100 are prot pectively. Rel proteins bi anscription. In unstimul . NF-κB-activating agent gradation through the u re it regulates gene exp sing of NF-κB2 (p100) to	nals: RelA, c-Rel, Re eolytically processe nd p50 and p52 to ated cells, NF-κB is s can induce the ph biquitin-proteasom ression (6-8). NIK a produce p52, whic	IB, NF-κB1 and by the form dimeric sequestered in the cosphorylation of the pathway and and ΙΚΚα (ΙΚΚ1) th translocates to 1, 923, 927 and
	932) on its carboxy-terminus, SCFbeta-TrCP mediated processing produces the 50 kDa active form p50 (12,13).				
Background References	1. Baeuerle, P.A. and Henkel, T. (1994) <i>Annu Rev Immunol</i> 12, 141-79. 2. Baeuerle, P.A. and Baltimore, D. (1996) <i>Cell</i> 87, 13-20. 3. Haskill, S. et al. (1991) <i>Cell</i> 65, 1281-9. 4. Thompson, J.E. et al. (1995) <i>Cell</i> 80, 573-82. 5. Whiteside, S.T. et al. (1997) <i>EMBO J</i> 16, 1413-26. 6. Traenckner, E.B. et al. (1995) <i>EMBO J</i> 14, 2876-83. 7. Scherer, D.C. et al. (1995) <i>Proc Natl Acad Sci USA</i> 92, 11259-63. 8. Chen, Z.J. et al. (1996) <i>Cell</i> 84, 853-62. 9. Senftleben, U. et al. (2001) <i>Science</i> 293, 1495-9. 10. Coope, H.J. et al. (2002) <i>EMBO J</i> 21, 5375-85. 11. Xiao, G. et al. (2001) <i>Mol Cell T</i> , 401-9. 12. Heissmeyer, V. et al. (2001) <i>Mol Cell Biol</i> 21, 1024-35. 13. Orian, A. et al. (2000) <i>EMBO J</i> 19, 2580-91.				
Species Reactivity	Charles vanstivite : !	atawainad but	n in at least one approve	ad application /	wastara blat)

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Applications Key

IHC-P: Immunohistochemistry (Paraffin)

Cross-Reactivity Key

H: Human

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