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RelB (C1E4) Rabbit mAb	C T	echnology
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3 Trask Lane | Danvers | Massachusetts | 01923 | USA

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

Applications: W, IP, C&R	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 70	Source/Isotype: Rabbit IgG	UniProt ID: #Q01201	Entrez-Gene Id: 5971
Product Usage Information	2	The CUT&RUN dilution Application Western Blotting Immunoprecipitation CUT&RUN	was determined u	ısing CUT&RUN Assay Ki	t #86652. Dilution 1:1000 1:100 1:50	
Storage				δ), 150 mM NaCl, 100 μg, ot aliquot the antibody.	/ml BSA, 50% glyce	rol and less than
Specificity/Ser	nsitivity	RelB (C1E4) Rabbit mAt	o detects endogen	ous levels of total RelB p	protein.	
Source / Purifi	cation	Monoclonal antibody is residues surrounding S		nunizing animals with a s elB protein.	synthetic peptide c	orresponding to
Background		immune responses (1,2 (p105/p50), and NF-KB2 proteasome to produce complexes that bind DI cytoplasm by IkB inhib IkB proteins, targeting releasing NF-kB to enter regulate the phosphory the nucleus (9-11). RelB, which is generally p52 NF-kB subunits to	2). There are five fa 2 (p100/p52). Both e p50 and p52, res NA and regulate tr itory proteins (3-5) them for rapid de er the nucleus whe ylation and proces y activated by non- regulate transcript	r κB (NF-κB)/Rel family p amily members in mamn p105 and p100 are prot pectively. Rel proteins bi anscription. In unstimul NF-κB-activating agent gradation through the u ere it regulates gene exp sing of NF-κB2 (p100) to canonical signaling, for tion (12,13). RelB knock o hatopoietic differentiatio	nals: RelA, c-Rel, Re eolytically processe ind p50 and p52 to ated cells, NF-κB is can induce the pl biquitin-proteason ression (6-8). NIK a produce p52, whic ms heterodimers w out mice have signi	HB, NF-κB1 ed by the form dimeric sequestered in the nosphorylation of ne pathway and nd IKKα (IKK1) th translocates to with either p50 or
Background R	eferences	1. Baeuerle, P.A. and He 2. Baeuerle, P.A. and Ba 3. Haskill, S. et al. (1991 4. Thompson, J.E. et al. 5. Whiteside, S.T. et al. 6. Traenckner, E.B. et al 7. Scherer, D.C. et al. (1996 9. Senftleben, U. et al. (1996 9. Senftleben, U. et al. (2011) 10. Coope, H.J. et al. (2011) 12. Ryseck, R.P. et al. (1 13. Bours, V. et al. (1995) 14. Weih, F. et al. (1995)	altimore, D. (1996) (1995) <i>Cell</i> 80, 573 (1997) <i>EMBO J</i> 16, (1995) <i>EMBO J</i> 14, (995) <i>Proc Natl Aca</i> (2001) <i>Science</i> 293 (2001) <i>Science</i> 293 (2002) <i>EMBO J</i> 21, 53 (2002) <i>EMBO J</i> 21, 53 (2002) <i>Mol Cell</i> 7, 401-9. (2002) <i>Mol Cell</i> 80 (2003) (200	8-82. 1413-26. , 2876-83. <i>d Sci USA</i> 92, 11259-63. , 1495-9. ,75-85. 12, 674-84. 99-1702.	-79.	
Species Reacti	vity	Species reactivity is det	termined by testin	g in at least one approve	ed application (e.g.,	western blot).
Western Blot E	Buffer			membrane with diluted with gentle shaking, ove		n 5% w/v nonfat
Applications K	ley	W: Western Blotting IP	: Immunoprecipita	ation C&R: CUT&RUN		
Cross-Reactivi	ty Key	H: Human M: Mouse R	: Rat Mk: Monkey			

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