3/23/24, 11:32 AM Revision 6

C-Jun (60A8) Rabbit mAb				Cell Signaling TECHNOLOGY®	
Stor				Orders:	877-616-CELL (2355) orders@cellsignal.com
02				Support:	877-678-TECH (8324)
#9165				Web:	info@cellsignal.com cellsignal.com
#			3 Trask La	ane Danvers	Massachusetts 01923 USA
For Research Use Only. Not for Use in Diagnostic Procedures.					
Applications: Reactiv WB, W-S, IP, IHC-P, IF- H M R I IC, FC-FP, ChIP, ChIP- seq		MW (kDa): 43, 48	Source/Isotype: Rabbit IgG	UniProt I #P0541:	
Product Usage Information	For optimal ChIP and C cells) per IP. This antib	ChIP-seq results, u ody has been valio	ise 5 μl of antibody and dated using SimpleChIP	10 µg of chroi [®] Enzymatic (natin (approximately 4 x 10 ⁶ Chromatin IP Kits.
	Application				Dilution
	Western Blotting				1:1000
	Simple Western™				1:10 - 1:50
	Immunoprecipitation				1:50
	Immunohistochemistry Immunofluorescence		history)		1:150 - 1:600 1:200 - 1:400
	Flow Cytometry (Fixed		iisu y)		1:50 - 1:200
	Chromatin IP	a, e e e e e e e e e e e e e e e e e e e			1:50
	Chromatin IP-seq				1:50
Storage			7.5), 150 mM NaCl, 100 not aliquot the antibody	-	0% glycerol and less than
	For a carrier free (BSA	and azide free) ve	ersion of this product see	e product #26	325.
Specificity / Sensitivity	c-Jun (60A8) Rabbit m. state.	Ab detects endoge	enous levels of total c-Ju	ın protein, reg	ardless of phosphorylation
Source / Purification	Monoclonal antibody is amino-terminal sequen	· /	0	GST-c-Jun pro	tein corresponding to the
Background	transcription factor acti members and binds to signals, including grow transcriptional activity of (reviewed in 2). Knocko subsequent studies har including axon regener exert diverse biological transformation, invasio regulate survival, as we	vator protein-1 (AF and activates tran th factors, chemok of c-Jun is regulate out studies in mice ve demonstrated r ration (4), liver rege I functions, includir n and metastasis, ell as hypoxia and	scription at TRE/AP-1 e kines, and stress, activate d by phosphorylation at have shown that c-Jun oles for c-Jun in various eneration (5), and T cell ng cell proliferation, diffe depending on cell type a	of dimers of F lements (revie e AP-1-deper Ser63 and So is essential for tissues and c development rentiation, and and context (7 esearch studie	os, Jun, and ATF family eved in 1). Extracellular ident transcription. The er73 through SAPK/JNK or embryogenesis (3), and levelopmental processes, (6). AP-1 regulated genes d apoptosis, as well as '-9). Other target genes is have implicated c-Jun as
Background References	1. Jochum, W. et al. (20 2. Davis, R.J. (2000) C 3. Hilberg, F. et al. (199 4. Raivich, G. et al. (20 5. Behrens, A. et al. (20 6. Riera-Sans, L. and E 7. Leppä, S. and Bohm 8. Shaulian, E. and Kar 9. Weiss, C. and Bohm 10. Karamouzis, M.V. et 11. Kim, S. and Iwao, H.	ell 103, 239-52. 33) Nature 365, 17 34) Neuron 43, 57 36) EMBO J 21, 1 36hrens, A. (2007) 36hrens, A. (2007) 36, (2002) Nat 40, 2007) Mol Car 36, (2007) Mol Car	9-81. 7-67. 1782-90. J Immunol 178, 5690-7 ncogene 18, 6158-62. Cell Biol 4, E131-6. Il Cycle 3, 111-3. ncer Res 5, 109-20.	00.	

3/23/24, 11:32 AM	c-Jun (60A8) Rabbit mAb (#9165) Datasheet Without Images Cell Signaling Technology 12. Dass, C.R. and Choong, P.F. (2008) <i>Pharmazie</i> 63, 411-4.			
Species Reactivity	Species reactivity is determined by testing in at least one approved application (e.g., western blot).			
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	WB: Western Blotting W-S: Simple Western [™] IP: Immunoprecipitation IHC-P: Immunohistochemistry (Paraffin) IF-IC: Immunofluorescence (Immunocytochemistry) FC-FP: Flow Cytometry (Fixed/Permeabilized) ChIP: Chromatin IP ChIP-seq: Chromatin IP-seq			
Cross-Reactivity Key	 H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expected 			
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