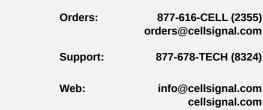
Phospho-c-Jun (Ser73) (D47G9) XP[®] Rabbit mAb (PE Conjugate) Orders: 877-616-CELL (2355) orders@cellsignal.com

#8752 Store at +4C



3 Trask Lane | Danvers | Massachusetts | 01923 | USA

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

Applications: FC-FP	Reactivity: H M R Mk Pg	Sensitivity: Endogenous	Source/Isotype: Rabbit IgG	UniProt ID: #P05412	Entrez-Gene Id: 3725	
Product Usage Information		lication v Cytometry (Fixe	d/Permeabilized)		Dilution 1:50	
Storage		Supplied in PBS (pH 7.2), less than 0.1% sodium azide and 2 mg/ml BSA. Store at 4°C. Do not aliquot the antibodies. Protect from light. Do not freeze.				
Specificity / Sensit	· · · /	Phospho-c-Jun (Ser73) (D47G9) $XP^{ entric{B}{R}}$ Rabbit mAb (PE Conjugate) recognizes endogenous levels of c-Jun only when phosphorylated at Ser73.				
Species predicted react based on 100 sequence homolog	0%	ne				
Source / Purification			s produced by immunizing animals v 3 of human c-Jun protein.	vith a synthetic phosphopeptic	le corresponding to	
Product Description	flow of	cytometry analysi	chnology antibody is conjugated to p s in human cells. The antibody is ex njugated Phospho-c-Jun (Ser73) (D4	pected to exhibit the same spe	ecies cross-	
Background	trans mem signa trans (revie subse inclue exert trans regul a pro	cription factor act bers and binds to uls, including grow criptional activity ewed in 2). Knock equent studies ha ding axon regene diverse biologica formation, invasic ate survival, as w	the Jun family containing c-Jun, Jun ivator protein-1 (AP-1). AP-1 is com and activates transcription at TRE/, with factors, chemokines, and stress, of c-Jun is regulated by phosphoryla cout studies in mice have shown that ave demonstrated roles for c-Jun in v ration (4), liver regeneration (5), and I functions, including cell proliferatio on and metastasis, depending on ce rell as hypoxia and angiogenesis (8, ic target for cancer, vascular remode	posed of dimers of Fos, Jun, a AP-1 elements (reviewed in 1) activate AP-1-dependent tran ation at Ser63 and Ser73 throu t c-Jun is essential for embryo various tissues and developmen I T cell development (6). AP-1 n, differentiation, and apoptos II type and context (7-9). Othe 10). Research studies have im	and ATF family b. Extracellular scription. The ugh SAPK/JNK genesis (3), and ental processes, regulated genes is, as well as r target genes aplicated c-Jun as	
Background Refer	2. Da 3. Hil 4. Ra 5. Be 6. Rie 7. Le 8. Sh 9. We 10. Ka 11. Kir	vis, R.J. (2000) C berg, F. et al. (19 ivich, G. et al. (20 hrens, A. et al. (20 era-Sans, L. and I ppä, S. and Bohn aulian, E. and Ka eiss, C. and Bohn ramouzis, M.V. et n, S. and Iwao, H	2001) Oncogene 20, 2401-12. Cell 103, 239-52. 93) Nature 365, 179-81. 004) Neuron 43, 57-67. 002) EMBO J 21, 1782-90. Behrens, A. (2007) J Immunol 178, 9 nann, D. (1999) Oncogene 18, 6158 Irin, M. (2002) Nat Cell Biol 4, E131- nann, D. (2004) Cell Cycle 3, 111-3. t al. (2007) Mol Cancer Res 5, 109-2 I. (2003) J Pharmacol Sci 91, 177-81 bong, P.F. (2008) Pharmazie 63, 411	-62. 6. 20. L.		

1/1/24, 8:19 AM	Jun (Ser73) (D47G9) XP® Rabbit mAb (PE Conjugate) (#8752) Datasheet Without Images Cell Si			
Species Reactiv	Species reactivity is determined by testing in at least one approved application (e.g., western blot).			
Applications Ke	FC-FP: Flow Cytometry (Fixed/Permeabilized)			
Cross-Reactivit	 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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