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FRA1 (D80B4) Rabbit mAb

Applications:Reactivity:W, W-S, IPH	Sensitivity: Endogenous	MW (kDa): 40	Source/Isotype: Rabbit IgG	UniProt ID: #P15407	Entrez-Gene Id: 8061
Product Usage Information	Application Western Blotting Simple Western™ Immunoprecipitation			Dilution 1:1000 1:50 - 1:250 1:50	
Storage			i), 150 mM NaCl, 100 μg ot aliquot the antibody.		rol and less than
Specificity/Sensitivity			enous levels of total FRA ding FRA2, c-Fos and Fo		body does not
Species predicted to react based on 100% sequence homology	Monkey				
Source / Purification	Monoclonal antibody is residues surrounding		nunizing animals with a RA1 protein.	synthetic peptide co	orresponding to
Background	antigen 2 (FRA2) (1). W isoforms: full-length Fc amino acids (1-3). The extracellular stimuli, in and stress. Fos protein (AP-1), a transcription f proteins contain the le binds to DNA. The vari- genes. In addition to ir to extracellular stimuli Ser32 and Thr232 by Ei FRA1 at Ser252 and Sei cancer cells (6). Followi fibroblasts is immediat FRA1 and FRA2 express growing cells (8). Deres	hile most Fos prot osB and a shorter f expression of Fos cluding growth fac s dimerize with Jui factor that binds to ucine-zipper motif ous Fos/Jun hetero foreased expressio rady further increa- rk5 increases proto r265 by Erk1/2 incr ng growth factor s te, but very short-li- sion persists longe gulated expressior	udes c-Fos, FosB, Fos-re eins exist as a single iso orm, FosB2 (Delta FosB) proteins is rapidly and tr tors, cytokines, neurotr proteins (c-Jun, JunB, a TRE/AP-1 elements and that mediates dimeriza dimers differ in their at n, phosphorylation of F ase transcriptional activi- ein stability and nuclear eases protein stability a timulation, expression of ved, with protein levels r, and appreciable levels of c-Fos, FosB, or FRA2	form, the FosB prot by which lacks the car ansiently induced by ansmitters, polyper and JunD) to form Ac d activates transcrip tion and an adjacer bility to transactivate os proteins by Erk k ity (4-6). Phosphoryl localization (5). Pho and leads to overexp of FosB and c-Fos in dissipating after set s can be detected in can result in neopla	ein exists as two rboxy-terminal 101 by a variety of otide hormones, ctivator Protein-1 tion. Fos and Jun at basic domain that e AP-1 dependent inases in response lation of c-Fos at osphorylation of pression of FRA1 in quiescent veral hours (7). asynchronously
Background References	1. Tulchinsky, E. (2000) 2. Dobrazanski, P. et al. 3. Nakabeppu, Y. and N 4. Rosenberger, S.F. et 5. Sasaki, T. et al. (2006 6. Basbous, J. et al. (200 7. Kovary, K. and Bravo 8. Kovary, K. and Bravo	. (1991) <i>Mol[´]Cell Bi</i> Jathans, D. (1991) al. (1999) <i>J Biol Cha</i> J) <i>Mol Cell</i> 24, 63-7 D7) <i>Mol Cell Biol</i> 27 J, R. (1991) <i>Mol Cel</i>	ol 11, 5470-8. Cell 64, 751-9. em 274, 1124-30. 5. , 3936-50. I Biol 11, 2451-9.		
Species Reactivity	Species reactivity is de	termined by testin	g in at least one approv	ed application (e.g.,	western blot).
Western Blot Buffer	IMPORTANT: For weste TBS, 0.1% Tween® 20 a		membrane with diluted shaking, overnight.	l primary antibody i	n 5% w/v BSA, 1X
Applications Key	W: Western Blotting W	- S: Simple Westerr	™ IP: Immunoprecipita	tion	

Cross-Reactivity Key	H: Human
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