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SP1 (D4C3) Rabbit mAb (PE Conjugate)

	eactivity: Sensitivity: Source/Isotype: H Mk Endogenous Rabbit IgG	UniProt ID:Entrez-Gene Id:#P080476667
Product Usage Information	Application Flow Cytometry (Fixed/Permeabilized)	Dilution 1:50
Storage	Supplied in PBS (pH 7.2), less than 0.1% sodium azio antibody. Protect from light. Do not freeze.	de and 2 mg/ml BSA. Store at 4°C. Do not aliquot the
Specificity / Sensitivity	<ul> <li>SP1 (D4C3) Rabbit mAb (PE Conjugate) recognizes of to detect all three known isoforms.</li> </ul>	endogenous levels of total SP1 protein. It is predicted
Source / Purification	Monoclonal antibody is produced by immunizing anim residues surrounding Pro593 of human SP1 protein (I	
Product Description	This Cell Signaling Technology antibody is conjugated flow cytometry analysis in human cells. This antibody reactivity as the unconjugated SP1 (D4C3) Rabbit mA	is expected to exhibit the same species cross-
Background Background Referenc	as c-Myc, EGR1, and Stat1, and with basal transcripti chromatin-modifying factors, such as histone deacety Transcriptional activity and stability of SP1 are regular phosphorylation, acetylation, ubiquitination, and glyco treatment leads to increased nuclear localization, whil levels (4-6). Investigators have found high levels of S	1 binds GC-rich motifs with high affinity and regulates It interacts with many other transcription factors, such ion machinery components. SP1 interacts with vlases (HDACs) and p300 in chromatin remodeling. ted by post-translational modification, including psylation (3). Glycosylation of SP1 following insulin le glucagon treatment increases cytoplasmic SP1 P1 in patients with Alzheimer's disease (7).
	<ol> <li>Majumdar, G. et al. (2003) Am J Physiol Endocrino.</li> <li>Majumdar, G. et al. (2006) J Biol Chem 281, 3642-</li> <li>Solomon, S.S. et al. (2008) Life Sci 83, 305-12.</li> <li>Citron, B.A. et al. (2008) J Neurosci Res 86, 2499-5</li> </ol>	50.
Species Reactivity	Species reactivity is determined by testing in at least o	one approved application (e.g., western blot).
Applications Key	FC-FP: Flow Cytometry (Fixed/Permeabilized)	
Cross-Reactivity Key	<ul> <li>H: human M: mouse R: rat Hm: hamster Mk: monkey</li> <li>X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc</li> <li>GP: Guinea Pig Rab: rabbit All: all species expected</li> </ul>	5
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SP1 (D4C3) Rabbit mAb (PE Conjugate) (#74315) Datasheet Without Images Cell Signaling Technology

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