at -	APC8 (D5O2D) Rabbit mAb		Cell Signaling
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For Research Use Only	Not for Use	in Diagnostic I	Procedures
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Applications: WB, IP	Reactivity: H Mk	Sensitivity: Endogenous	<b>MW (kDa):</b> 64	Source/Isotype: Rabbit IgG	UniProt ID: #Q9UJX2	Entrez-Gene Id: 8697
Product Usage Information	We	pplication estern Blotting munoprecipitation			<b>Dilution</b> 1:1000 1:100	
Storage	•	•		7.5), 150 mM NaCl, 100 o not aliquot the antibody		erol and less than
Specificity / Sensitivity		APC8 (D5O2D) Rabbit mAb recognizes endogenous levels of total APC8 protein.				
Source / Purificati		noclonal antibody is idues near the carbo		nunizing animals with a suman APC8 protein.	synthetic peptide corre	esponding to
Background	con met proi APC sub enz enz RIN an / CD Spe Ana (TP ass Cdf	nplex/cyclosome (AF taphase to anaphase teins in order to targ C/C complex consist punits (APC2, APC11 cymes, including APC tymes. Research stu JG-finger domain-co APC/C coactivator for C20/Cdh1 coactivator ccfifc D-box and KEN aphase-promoting co PR) APC/C sub-comp cociates with APC3 a h1/FZR1 (10,11). Re	PC/C), whose ma e. The APC/C cor- et these proteins as of as many as L), and a number C/C, utilize ubiqui dies indicate that ntaining subunit A prmed by the cell or is responsible I-box recognition omplex subunit 8 olex that also incluing search studies sub-	ctly upon the E3 ubiquiti in function is to trigger to mplex promotes the ass for degradation by the 2 15 subunits, including m of proteins responsible tin residues activated by t APC/C interacts with the APC11 (4-6). APC/C fun division control protein for recognition of APC/C elements within these so (APC8, CDC23) is a co udes APC3 (CDC27) and tate recruitment of the A uggest that APC8 protei or of cell cycle progressi	he transition of the cel embly of polyubiquitin 26S proteasome (1,2). hultiple scaffold proteir for substrate recogniti y E1 enzymes and tran the E2 enzymes UBE2S ction relies on multiple 20 homolog (CDC20) c substrates through in ubstrates (7-9). mponent of the tetratri d APC6 (CDC16). API , PC/C coactivation sub n is overexpressed in	I cycle from chains on substrate The vertebrate as, two catalytic on (3). All E3 ansferred to E2 S and UBE2C via the e cofactors, including and Cdh1/FZR1. The ateraction with copeptide repeat C8 protein punits CDC20 and papillary thyroid
Background Refer	2. F 3. C 4. C 5. G 6. L 7. K 8. G 9. P 10. M 11. T	Gmachl, M. et al. (20 everson, J.D. et al. ( (raft, C. et al. (2005) Glotzer, M. et al. (199 Pfleger, C.M. and Kirs	202) Genes Dev 4) Nature 513, 38 rgan, D.O. (2002 00) Proc Natl Aca (2000) Mol Biol C Mol Cell 18, 543 91) Nature 349, 1 schner, M.W. (20 Morgan, D.O. (2 (2006) Genes De	16, 2179-206. 8-93. ) Nat Cell Biol 4, 880-7. ad Sci U S A 97, 8973-8 cell 11, 2315-25. -53. 32-8. 00) Genes Dev 14, 655- 009) Mol Cell 34, 68-80 v 20, 449-60.	-65.	
Species Reactivity	Spec	cies reactivity is dete	ermined by testing	g in at least one approve	ed application (e.g., we	estern blot).
Western Blot Buffe				membrane with diluted th gentle shaking, overr		% w/v nonfat dry
Applications Key	WB	: Western Blotting IF	<b>&gt;:</b> Immunoprecipi	tation		

1/1/24, 12:46 PM Cross-Reactivity Key	APC8 (D5O2D) Rabbit mAb (#15100) Datasheet Without Images Cell Signaling Technology 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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