cdc25C (5H9) Rabbit mAb	Orders:	877-616-CELL (2355) orders@cellsignal.com		
	Support:	877-678-TECH (8324)		
#4688	Web:	info@cellsignal.com cellsignal.com		
7#	3 Trask Lane Danvers Massachusetts 01923 USA			

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

Applications: W	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 60, 75	Source/Isotype: Rabbit IgG	UniProt ID: #P30307	Entrez-Gene Id 995		
Product Usage Information		Application Western Blotting			Dilution 1:1000			
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.						
Specificity/Sensitivity		cdc25C (5H9) Rabbit mAb detects endogenous levels of total cdc25C protein.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with a cdc25C full length fusion protein.						
Background		regulating the entry of Ser216 throughout in at the G2/M checkpo family of proteins, se	of all eukaryotic cells iterphase by c-TAK1, int (2). When phospl questering cdc25C i	ble for dephosphorylatir into mitosis (1). cdc25C while phosphorylation norylated at Ser216, cdc2 n the cytoplasm and the hosphorylate cdc25C at	is constitutively ph at this site is DNA d 25C binds to memb reby preventing pre	osphorylated at amage-dependent ers of the 14-3-3 emature mitosis (3)		
Background Re	ferences	1. Jessus, C. and Ozon, R. (1995) <i>Prog. Cell Cycle Res.</i> 1, 215-228. 2. Peng, C.Y. et al. (1997) <i>Science</i> 277, 1501-1505. 3. Kumagai, A. and Dunphy, W.G. (1999) <i>Genes Dev.</i> 13, 1067-1072. 4. Blasina, A. et al. (1999) <i>Curr. Biol.</i> 9, 1-10. 5. Furnari, B. et al. (1999) <i>Mol. Biol. Cell</i> 10, 833-845.						
Species Reactiv	ʻity	Species reactivity is d	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).		
Western Blot B	uffer	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 Ke	ey	W: Western Blotting						
Cross-Reactivit	у Кеу	H: Human						
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