4/11/24, 10:31 AM Revision 3

Store at -20C	Cyclin F (D9K2U) Rabbit mAb	T E	Cell Signaling	
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com	
)45		Support:	877-678-TECH (8324)	
#81045		Web:	info@cellsignal.com cellsignal.com	
#		3 Trask Lane Danvers Ma	ssachusetts 01923 USA	

Applications: WB	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 90	Source/Isotype: Rabbit IgG	UniProt ID: #P41002	Entrez-Gene Id: 899	
Product Usage Information		oplication estern Blotting			Dilution 1:1000		
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.					
Specificity / Sensitivity		Cyclin F (D9K2U) Rabbit mAb recognizes endogenous levels of total Cyclin F protein. This antibody recognizes an unidentified protein of 80 kDa by western blot.					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro665 of human Cyclin F protein.					
Background	are SC with Cyc pha Cyc spin into into che fun to g	e components of the S F complex is determine h phosphorylated sub- clin F contains a cyclic clin F contains a cyclic clin F interacts with the ndle formation. Cyclic o mitosis (3). In respo- eracts with B-Myb, pre- o mitosis. This G2 pha- beckpoint (4). Cyclin F ctions in maintaining	Skp1-Cullin-F-box ned by the interco strate proteins a n box domain in s. Cyclin F expre- ne centrosomal p n F-mediated deg nse to ionizing ra eventing cyclin A ase arrest allows also controls the the levels of dN ⁻	box protein family, pres (SCF) ubiquitin ligase changeable F-box proteind recruiting them to the addition to an F-box do ession does oscillate dur rotein CP110, which pla gradation of CP110 in G adiation, which causes I dependent phosphoryla the cell to respond to the estability of the ribonucle rPs available in the cell re implicated cyclin F as	complex. The substrait ns, which act as adapt e SCF core (1). main, but does not reg ring the cell cycle, how any critical roles centric 2 phase is required for DNA double strand bre ation of B-Myb, and de the DNA damage-induct cotide reductase M2 s for DNA synthesis and	te specificity of the tors by associating ulate the activity of vever, peaking in G2 ble duplication and r normal progression waks, Cyclin F elaying progression wed G2/M phase ubunit, RRM2, which d repair, in response	
Background Referer	2. C 3. C 4. K 5. C	Reed, S.I. (2003) <i>Nat</i> D'Angiolella, V. et al. (D'Angiolella, V. et al. (Clein, D.K. et al. (2015 D'Angiolella, V. et al. (Fu, J. et al. (2013) <i>Ca</i>	2013) Trends Ce 2010) Nature 46 5) Nat Commun 2012) Cell 149,	ell Biol 23, 135-40. 6, 138-42. 6, 5800. 1023-34.			
Species Reactivity		Species reactivity is determined by testing in at least one approved application (e.g., western blot).					
Western Blot Buffer			tern blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, °C with gentle shaking, overnight.				
Applications Key	WB	: Western Blotting					
Cross-Reactivity Key		 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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Cyclin F (D9K2U) Rabbit mAb (#81045) Datasheet Without Images Cell Signaling Technology

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