e at -20C	p18 INK4C (DCS118) Mouse mAb	after the second se	Cell Signaling TECHNOLOGY®
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Applications: R WB, IP	eactivity: H	Sensitivity: Endogenous	MW (kDa): 18	Source/Isotype: Mouse IgG2a	UniProt ID: #P42773	Entrez-Gene Id: 1031		
Product Usage Information	W	oplication estern Blotting imunoprecipitation			Dilution 1:1000 1:50			
Storage				7.5), 150 mM NaCl, 100 not aliquot the antibody		erol and less than		
Specificity / Sensitivity		The p18 INK4C (DCS118) Mouse mAb detects endogenous levels of p18 INK4C protein. The antibody does not cross-react with other proteins of the INK4 family.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with purified recombinant human p18 INK4C protein.						
Background	CD pho incl hap mo terr farr	K4 and CDK6 associa osphorylation is a nece lude p15 INK4B, p16 I bloinsufficient tumor su tifs and selectively inh minal portion of the fou nily members can be a	ate with the D-ty essary event for NK4A, p18 INK- uppressor <i>in viv</i> e ibit CDK4/6 acti urth ankyrin repe- binary complex	tivated in part by forming pe cyclins and phospho cells to enter S-phase (4C and p19 INK4D. p18 o (2). All INK4 proteins a ivity. Mutational analyse eat in mediating binding with CDK4/6 or ternary cycle progression (4,5).	rylate the retinoblaston (1). The inhibitors of C has been shown to fu are composed of 32 ar s of p18 implicate the to CDK4/6 (3). The in	ma protein. This DK4 (INK4) family Inction as a nino acid ankyrin third and the amino- teraction of INK4		
Background Referend	2. E 3. N 4. C	 Lukas, J. et al. (1996) <i>Mol. Cell. Biol.</i> 16, 6917-6925. Bai, F. et al. (2003) <i>Mol. Cell. Biol.</i> 23, 1269-1277. Noh, S.J. et al. (1999) <i>Cancer Res.</i> 59, 558-564. Guan, K.L. et al. (1994) <i>Genes Dev.</i> 8, 2939-2952. Hirai, H. et al. (1995) <i>Mol. Cell. Biol.</i> 15, 2672-2681. 						
Species Reactivity	Spe	cies reactivity is deter	mined by testing	g in at least one approve	ed application (e.g., we	estern blot).		
Western Blot Buffer		IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.						
Applications Key		WB: Western Blotting IP: Immunoprecipitation						
Cross-Reactivity Key	X : X		B: bovine Dg: do	Mk: monkey Vir: virus N og Pg: pig Sc: S. cerevi es expected				
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p18 INK4C (DCS118) Mouse mAb (#2896) Datasheet Without Images Cell Signaling Technology

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