e at -20C	Puma (D7L9L) Rabbit mAb		Cell Signaling		
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com		
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#	3 Trask	Lane   Danvers   Ma	ssachusetts   01923   USA		

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

Applications: WB, IP, IF-IC	<b>Reactivity:</b> M R	Sensitivity: Endogenous	<b>MW (kDa):</b> 23-25	Source/Isotype: Rabbit IgG	UniProt ID: #Q99ML1	Entrez-Gene Id: 170770		
Product Usage Information	We	olication stern Blotting nunoprecipitation nunofluorescence (I	mmunocytochen	iistry)		<b>Dilution</b> 1:1000 1:200 1:800		
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 $\mu$ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.						
Specificity / Sensitiv	<b>/ity</b> Pum	Puma (D7L9L) Rabbit mAb recognizes endogenous levels of total Puma protein in mouse and rat.						
Source / Purificatior		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Arg84 of mouse Puma protein.						
Background Background Referen	diffe Bad, BH1 mem gene mito tumo tumo tumo tumo tumo tumo tumo tu	rential gene express , Bid, Bik, Hrk, Bim, and BH2, and gene bers through BH3 of e, Puma-α and Pum chondria, and prom or suppressor pathw or suppression (4-7) ting irradiation, dere u, J. et al. (2001) <i>Ma</i> akano, K. and Vous- buillet, P. and Strass offers, J.R. et al. (20	sion studies as a and Noxa, all of erally promote ap domain interactio ia-β, both of whic ote cytochrome of vay. Targeted disr . Puma knockout gulated c-Myc ex of Cell 7, 673-82. den, K.H. (2001) ser, A. (2002) J C 03) Cancer Cell 2004) Proc Natl A oc Natl Acad Sci	<i>ell Sci</i> 115, 1567-74. 4, 321-8. <i>Icad Sci U S A</i> 101, 93: <i>U S A</i> 100, 1931-6.	2). The "BH3-only" fai omain but lack other c and antagonizing anti-a ning proteins are proc bind Bcl-2 and Bcl-xL, (1,2). Puma plays a (1,2). Puma plays a (1,2). Puma plays a the impairs p53-mediat m multiple apoptotic s withdrawal (4).	mily members include conserved domains, apoptotic Bcl-2 family duced from the <i>puma</i> localize to the critical role in the p53 red apoptosis and		
Species Reactivity	Speci	ies reactivity is dete	rmined by testing	in at least one approv	ed application (e.g., w	vestern blot).		
Western Blot Buffer		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 Key	WB:	WB: Western Blotting IP: Immunoprecipitation IF-IC: Immunofluorescence (Immunocytochemistry)						
Cross-Reactivity Ke	<b>X</b> : Xe	<ul> <li>H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster</li> <li>X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse</li> <li>GP: Guinea Pig Rab: rabbit All: all species expected</li> </ul>						
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