e at -20C	PSMA2 (D3A4) Rabbit mAb		ell Signaling снмогоду [®]
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Applications: WB	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 25	Source/Isotype: Rabbit IgG	UniProt ID: #P25787	Entrez-Gene Id: 5683
Product Usage Information		pplication /estern Blotting			Dilution 1:1000	
Storage				7.5), 150 mM NaCl, 100 not aliquot the antibody		erol and less than
Specificity / Sensit		SMA2 (D3A4) Rabbit n oss-react with other α	-	endogenous levels of to OS proteasome.	tal PSMA2 protein. Thi	s antibody does not
Species predicted react based on 100 sequence homolog	0%	iicken, Xenopus, Zebr	afish, Bovine, He	orse		
Source / Purification		onoclonal antibody is p sidues surrounding Ph		nunizing animals with a s PSMA2 protein.	synthetic peptide corre	sponding to
Background	It c coi sul as: ge tha as: po reg de	consists of four stacke mposed of α subunits bunits. While the catal sembly and as binding nes have been identif at function as activator sociates with the 20S lyubiquitinated protein gulators, signaling mo gradation of these intr	d rings, each wit (called PSMAs), lytic sites are loc sites for regula ied in mammals s of the 20S pro proteasome to fue (1-3). The prot lecules, tumor su acellular protein	lytic enzyme complex in h seven distinct subunit and the two inner layer ated on the β rings (1-3 tory proteins (4). Seven (5). PA700, PA28, and F teasome. PA700 binds form the 26S proteasome easome has a broad su uppressors, and transcri s, the proteasome funct n folding, and disease p	s. The two outer layers is are identical rings co), the α subunits are in different α and ten diff PA200 are three major polyubiquitin with high e, which preferentially bstrate spectrum that ption factors. By contro- ions in cell cycle regula	s are identical rings omposed of β oportant for erent β proteasome protein complexes affinity and degrades includes cell cycle olling the
Background Refer	2. 3. 4. 5. 6. 7. (8. \	Nandi, D. et al. (2006) Lupas, A. et al. (1993) Monaco, J.J. and Nan Murray, A.W. (2004) <i>C</i> Ciechanover, A. (2006	en, Ř.E. (2004) J. Biosci. 31, 13 Enzyme Proteir di, D. (1995) An Cell 116, 221-34. D Proc. Am. Tho ado, M.A. (2006)	Nat. Rev. Mol. Cell Biol. 37-55. 1 47, 252-73. nu. Rev. Genet. 29, 729 rac. Soc. 3, 21-31. Cell. Mol. Immunol. 3, 2	-54.	
Species Reactivity	y Spe	ecies reactivity is dete	rmined by testing	g in at least one approve	ed application (e.g., we	estern blot).
Western Blot Buffe		PORTANT: For western % Tween® 20 at 4°C v		membrane with diluted ng, overnight.	primary antibody in 5%	6 w/v BSA, 1X TBS,
Applications Key	WE	B: Western Blotting				

1/1/24, 9:02 AM Cross-Reactivity Key	 PSMA2 (D3A4) Rabbit mAb (#11864) 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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