14625 Store at -200

## ING1b (D3D5Z) Rabbit mAb



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<b>Applications:</b> WB, IP	Reactivity: H M R Mk	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 33	Source/Isotype: Rabbit IgG	<b>UniProt ID:</b> #Q9UK53-2	Entrez-Gene lo 3621	
Product Usage Information	Ар	Application		Dilution			
	We	stern Blotting			1:1000		
	Imr	nunoprecipitation			1:50		
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 / Sensitivity		ING1b (D3D5Z) Rabbit mAb recognizes endogenous levels of total ING1b protein. This antibody specifically recognizes the ING1b p33 isoform (UniProt# Q9UK53-2).					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the amino terminus of human ING1b protein.					
Background	and wide send and gen ING regu supp	transcription regularly expressed ING1bescence (2-5). All IN bind methylated lyses through its assocation may facilitate the plated by various trapressor, alterations is	tors (1,2). Differed (p33) isoform page (p33) isoform page (p33) isoform page (p34) isofo	of an evolutionarily conential mRNA splicing ger laying key roles in cell of contain a plant homeonistone proteins (6,7). The acetyltransferase and ese chromatin-modifyings, such as p53 (2, 8-10). On levels and cytoplasm responding ING1 gene i	erates several ING1 is ycle regulation, apopto domain (PHD) that is the ING1 protein regular deacetylase complexing enzymes to targets gonsistent with its rollocalization have bee	soforms, with the osis, and hought to recognize tes expression of es. The PHD of enes that are e as a tumor n observed in	
Background Refe	erences 1.U	noki, M. et al. (2009	Consor Cai 100				

**Species Reactivity** 

Species reactivity is determined by testing in at least one approved application (e.g., western 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 Cross-Reactivity Key**  WB: Western Blotting IP: Immunoprecipitation

10. Peña, P.V. et al. (2008) *J Mol Biol* 380, 303-12. 11. Toyama, T. et al. (1999) Oncogene 18, 5187-93. 12. Ohmori, M. et al. (1999) Am J Hematol 62, 118-9. 13. Tallen, G. et al. (2004) Int J Cancer 109, 476-9. 14. Li, X.H. et al. (2011) Histol Histopathol 26, 597-607.

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

1/1/24. 3:38 PM

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**Limited Uses** 

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