Pim-2 (D1D2) Rabbit mAb





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Applications: W, IP	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 40, 38, 34	Source/Isotype: Rabbit	UniProt ID: #Q9P1W9	Entrez-Gene Id: 11040
Product Usage Information		Application Western Blotting Immunoprecipitation			Dilution 1:1000 1:100	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.				
Specificity/Sens	itivity	Pim-2 (D1D2) Rabbit mAb detects endogenous levels of total Pim-2 protein. The antibody does not cross-react with other Pim family members.			oody does not	
Source / Purifica	ation	Monoclonal antibody is residues surrounding C		nunizing animals with a s Pim-2.	synthetic peptide co	prresponding to
Background		serine/threonine kinase of mitogenic signals an cooperates with c-Myc withdrawal and genoto activity of c-Myb throug phosphorylation of the found in B-cell diffuse I following IL-6 stimulati have been identified; B phosphorylation revers Pim-2 is highly homolo can be generated from resistance to a variety of	e highly expressed in lymphoid cell tra- oxic stress-induced gh direct phosphor transcriptional co large cell lymphom ion and correlates ad is phosphorylar ses Bad-induced ce gous to Pim-1 with a alternative start s of apoptotic stimul	e oncogene-encoded ser l in hematopoietic cells, ed by a variety of growth ansformation and protee apoptosis (5,6). Pim-1 a rylation within the c-Myk activator p100 (7,8). Hyp has (9). Phosphorylation with an increase in Pim- ted by both Pim-1 and Pi ell apoptosis (11,12). In similar oncogenic func- ites which run at 34, 38, li and its expression is ne m-2 have also been obse	plays a critical role i factors and cytokir cts cells from growt lso enhances the tr DNA binding dom ermutations of the of Pim-1 at Tyr218 l 1 activity (10). Vario im-2 at Ser112 and tions (13,14). Three and 40 kDa (13). Pin egatively regulated	in the transduction hes (1-4). Pim-1 th factor anscriptional ain as well as Pim-1 gene are by Etk occurs us Pim substrates this isoforms of Pim-2 m-2 leads to by growth factor
Background Ref	ferences	 Mikkers, H. et al. (200 Selten, G. et al. (1986 Meeker, T.C. et al. (198 Dautry, F. et al. (1988 Möröy, T. et al. (1993 Lilly, M. and Kraft, A. Leverson, J.D. et al. (200 Pasqualucci, L. et al. Kim, O. et al. (2004) Aho, T.L. et al. (2004) Aho, T.L. et al. (2003) van der Lugt, N.M. et al. (1 Fox, C.J. et al. (2003) White, E. (2003) White, E. (2003) White, E. (2003) Boy, A.M. et al. (2003) 	5) <i>Cell</i> 46, 603-11. 987) <i>J Cell Biochem</i> 8) <i>J Biol Chem</i> 263, 9) <i>Proc Natl Acad So</i> (1997) <i>Cancer Res</i> 1998) <i>Mol Cell</i> 2, 4' 9) <i>Cell Cycle</i> 2, 258 (2001) <i>Nature</i> 412, 9) <i>Cell Cycle</i> 2, 258 (2001) <i>Nature</i> 412, 9) <i>Cell Cycle</i> 2, 184 9) <i>FEBS Lett</i> 571, 4' <i>J Biol Chem</i> 278, 4 <i>J Biol </i>	35, 105-12. 17615-20. <i>ci USA</i> 90, 10734-8. 57, 5348-55. 17-25. 3-62. , 341-6. 38-44. 3-9. 5358-67. <i>J</i> 14, 2536-44. 3-8. 441-54. <i>oma</i> 45, 951-5.		
Species Reactiv	ity	Species reactivity is det	termined by testing	g in at least one approve	ed application (e.g.,	western blot).
Western Blot Bu	ıffer	IMPORTANT: For weste		membrane with diluted	primary antibody ir	n 5% w/v BSA, 1X

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	W: Western Blotting IP: Immunoprecipitation
Cross-Reactivity Key	H: Human
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