TIM-1 (E1R9N) Rabbit mAb



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Applications: W, IHC-P	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 50, 90-140	Source/Isotype: Rabbit IgG	UniProt ID: #Q96D42	Entrez-Gene Id: 26762	
Product Usage Information Storage	2	Application Western Blotting Immunohistochemistry (Paraffin) Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA 0.02% sodium azide. Store at –20°C. Do not aliguot the antibody.			1: 1:	Dilution 1:1000 1:100	
		For a carrier free (BSA and azide free) version of this product see product #71010.					
Specificity/Ser	nsitivity	TIM-1 (E1R9N) Rabbit mAb recognizes endogenous levels of total TIM-1 protein.					
Source / Purifi	cation	Monoclonal antibody residues surrounding		unizing animals with a s /-1 protein.	synthetic peptide co	orresponding to	
Background		expressed by various injury molecule-1) was costimulatory recepto upregulate signaling a antigen presenting ce recently shown to inte autoimmune disease increased production phosphatidylserine ex expressed on NKT cell TIM-1 on regulatory B domain have decrease inflammatory cytoking polymorphisms are as	immune cells. TIM- s originally identifie r on T cells and foll- and cytokine produ- lls and is a ligand fo rract with P-selectin (7). NKT cells also e: of IL-4, but decreas posed by cells und- s results in activatio cells is required foi ed production of IL- es, and enhanced se sociated with susce	nolecules (TIMs) are a fa I (HAVCR1 (hepatitis A vi d as a receptor for hepa owing activation, associ- ction (2-5). Another TIM- or TIM-1 (6). TIM-1 expre- to mediate T cell traffic (press TIM-1, and engage ed production of IFN-ga ergoing apoptosis. Dete on, proliferation, and cyt optimal production of 10 by regulatory B cells, everity of autoimmune of eptibility to atopic disease tobular epithelial cells for	rus cellular recepto titis A virus (1). TIM ates with the TCR of family member, TIN ssed by Th1 and Th king during inflamm gement of TIM-1 on mma (8). TIM-1 is a ction of phosphatic ookine production (9 IL-10. Mice lacking i hyperactive T cells lisease (10,11). In a ses including asthm	or 1), KIM-1 (kidney I-1 also acts as a complex to A-4, is expressed by 117 cells was also nation and NKT cells leads to also a receptor for bylserine by TIM-1 9). Expression of the TIM-1 mucin , increased levels of ddition, TIM-1 na (12,13). Finally,	
Background R	eferences	 Kaplan, G. et al. (19 Umetsu, S.E. et al. (2 de Souza, A.J. et al. (2 Binné, L.L. et al. (20 de Souza, A.J. et al. (2 Meyers, J.H. et al. (20 Angiari, S. et al. (2019) Lee, H.H. et al. (2011) Xiao, S. et al. (2012) Xiao, S. et al. (2012) Xiao, S. et al. (2015) McIntire, J.J. et al. (2 Khademi, M. et al. (2 	2005) Nat İmmunol (2005) Proc Natl Aca 07) J Immunol 178, (2008) J Immunol 18 005) Nat Immunol 18 14) Immunol 184, 4 0) J Immunol 184, 5 2) Proc Natl Acad Sc 5) J Immunol 194, 16 2001) Nat Immunol (2004) J Immunol 1	6, 447-54. ad Sci U S A 102, 17113-8 4342-50. 30, 6518-26. 5, 455-64. 225-33. 095-106. 225-35. <i>i U S A</i> 109, 12105-10. 502-8. / 2, 1109-16. 72, 7169-76.	3.		
Species Reacti	vity	Species reactivity is de	etermined by testing	g in at least one approve	ed application (e.g.,	western blot).	
Western Blot B	Buffer			membrane with diluted with gentle shaking, ove		n 5% w/v nonfat	
Applications K	(ey	W: Western Blotting I	HC-P: Immunohisto	chemistry (Paraffin)			

Cross-Reactivity Key	H: Human		
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