

Toll-like Receptor 6 (D1Z8B) Rabbit mAb



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Applications: W, IP	Reactivity: H M	Sensitivity: Endogenous	MW (kDa): 90-110	Source/Isotype: Rabbit IgG	UniProt ID: #Q9Y2C9	Entrez-Gene Id: 10333
Product Usage Information		Application Western Blotting Immunoprecipitation		Dilution 1:1000 1:50		
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.				
Specificity/Sensitivity		TLR6 (D1Z8B) Rabbit mAb recognizes endogenous levels of total TLR6 protein. This antibody cross-reacts with a 72 kDa protein of unknown origin. This antibody is not approved for IP in mouse samples.				
Source / Purification		Monoclonal antibody is produced by immunizing animals with synthetic peptides corresponding to residues surrounding Pro47 of human and mouse TLR6 protein.				
Background		play a pivotal role in in pathogens and media of NF-κB and subsequathe IL-1 receptor family Toll/Interleukin-1 receptor group adapter μ (MyD88), MyD88-adapinducing IFN-β (TRIF), recruitment and activ IKK (8,11-14). Activation inactive state by sequal Toll-like receptor 6 (Turecognizes fungal zynwas recently shown to	nnate immune responsite defense responsitent regulation of in illy share a conserverent (TIR) domain (proteins containing oter-like/TIR-associal and Toll-receptor-alation of IRAK1 and the stering it in the cylassemble downstrial or assemble downstrial	amily, named for the closenses (1-4). TLRs recognises (5-7). Triggering of the nmune and inflammator distretch of approximat 1). Upon activation, TLR: TIR domains, including steed protein (MAL/TIRAP ssociated molecule (TRAIRAK4, which form a correct degradation of IkB, which steed the correct of the corre	nize conserved mot the TLR pathway lead ry genes (4). The TL ely 200 amino acids s associate with a n myeloid differentia '), TIR domain-conta AM) (8-10). This asso mplex with TRAF6 to thich normally main essed on the cell su dition, a heterodima and contribute to si	ifs found in various ds to the activation Rs and members of known as the umber of tion factor 88 aining adapterociation leads to the activate TAK1 and tains NF-kB in an arface where it
Background References		1. Akira, S. (2003) <i>J Biol Chem</i> 278, 38105-8. 2. Beutler, B. (2004) <i>Nature</i> 430, 257-63. 3. Dunne, A. and O'Neill, L.A. (2003) <i>Sci STKE</i> 2003, re3. 4. Medzhitov, R. et al. (1997) <i>Nature</i> 388, 394-7. 5. Schwandner, R. et al. (1999) <i>J Biol Chem</i> 274, 17406-9. 6. Takeuchi, O. et al. (1999) <i>Immunity</i> 11, 443-51. 7. Alexopoulou, L. et al. (2001) <i>Nature</i> 413, 732-8. 8. Zhang, F.X. et al. (1999) <i>J Biol Chem</i> 274, 7611-4. 9. Horng, T. et al. (2001) <i>Nat Immunol</i> 2, 835-41. 10. Oshiumi, H. et al. (2003) <i>Nat Immunol</i> 4, 161-7. 11. Muzio, M. et al. (1997) <i>Science</i> 278, 1612-5. 12. Wesche, H. et al. (1997) <i>Immunity</i> 7, 837-47. 13. Suzuki, N. et al. (2002) <i>Nature</i> 416, 750-6. 14. Irie, T. et al. (2000) <i>FEBS Lett</i> 467, 160-4. 15. Ozinsky, A. et al. (2000) <i>Proc Natl Acad Sci U S A</i> 97, 13766-71. 16. Stewart, C.R. et al. (2010) <i>Nat Immunol</i> 11, 155-61.				

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 nonfat dry milk, 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 M: Mouse

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