ក្តុ Toll-like Receptor 2 (D7G9Z) Rabbit mAb





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| Applications: W, IP | Reactivity: H | Sensitivity: Endogenous | MW (kDa): 90-105 | Source/Isotype: Rabbit IgG | UniProt ID: #O60603 | Entrez-Gene Id: 7097 |
|---|------------------|---|---|---|--|--|
| Product Usage Information Storage | | | | ö), 150 mM NaCl, 100 μg. ot aliguot the antibody. | Dilution 1:1000 1:100 /ml BSA, 50% glycer | ol and less than |
| Specificity/Sen | sitivitv | | | recognizes endogenous | levels of total TLR2 | protein. |
| Source / Purifi | - | | s produced by imn | nunizing animals with a s | | • |
| Background | | play a pivotal role in in pathogens and mediat of NF-κB and subseque the IL-1 receptor family Toll/Interleukin-1 recep cytoplasmic adapter pr (MyD88), MyD88-adapt inducing IFN-β (TRIF), a recruitment and activa IKK (8,11-14). Activation inactive state by seque TLR2 is expressed on th | nate immune resp ent regulation of ir y share a conserve otor (TIR) domain (roteins containing ter-like/TIR-associa and Toll-receptor-a tion of IRAK1 and n of IKK leads to th estering it in the cy he surface of mon- ses to a variety of | mily, named for the clos onses (1-4). TLRs recogn ses (5-7). Triggering of th nmune and inflammator d stretch of approximate 1). Upon activation, TLRs TIR domains, including r tited protein (MAL/TIRAP, ssociated molecule (TRA IRAK4, which form a con the degradation of IkB, wh toplasm. Docytes and macrophages bathogen-associated mo | ize conserved moti e TLR pathway lead y genes (4). The TLF ely 200 amino acids s associate with a nu myeloid differentiat), TIR domain-conta M) (8-10). This asso aplex with TRAF6 to nich normally maint s and can heterodin | rs found in various s to the activation Rs and members of known as the umber of ion factor 88 ining adapter- ciation leads to the activate TAK1 and cains NF-κB in an |
| Background R | eferences | 1. Akira, S. (2003) <i>J Biol</i> 2. Beutler, B. (2004) <i>Na</i> 3. Dunne, A. and O'Nei 4. Medzhitov, R. et al. (5. Schwandner, R. et al. 6. Takeuchi, O. et al. (19 7. Alexopoulou, L. et al 8. Zhang, F.X. et al. (199 9. Horng, T. et al. (2001) 10. Oshiumi, H. et al. (201 10. Oshiumi, H. et al. (21 11. Muzio, M. et al. (19 12. Wesche, H. et al. (19 13. Suzuki, N. et al. (2001) 14. Irie, T. et al. (2000)) 15. Takeuchi, O. et al. (2 16. Schwandner, R. et al 17. Lien, E. et al. (1999) 18. Ozinsky, A. et al. (2001) | ture 430, 257-63. II, L.A. (2003) <i>Sci S</i> 1997) <i>Nature</i> 388, . (1999) <i>J Biol Chem</i> 999) <i>Immunity</i> 11, . (2001) <i>Nature</i> 411 99) <i>J Biol Chem</i> 274 1) <i>Nat Immunol</i> 2, 3 2003) <i>Nat Immunol</i> 2, 3 97) <i>Science</i> 278, 16 97) <i>Immunity</i> 7, 8 02) <i>Nature</i> 416, 75 <i>FEBS Lett</i> 467, 160 2002) <i>J Immunol</i> 10 al. (1999) <i>J Biol Chem</i> 1) <i>Biol Chem</i> 274, 3 | TKE 2003, re3. 394-7. 1274, 17406-9. 443-51. 3, 732-8. 4, 7611-4. 335-41. /4, 161-7. 512-5. 337-47. 0-6. -4. 59, 10-4. <i>m</i> 274, 17406-9. | | |
| Species Reacti | vity | Species reactivity is def | termined by testin | g in at least one approve | ed application (e.g., | western blot). |
| Western Blot E | - | IMPORTANT: For weste TBS, 0.1% Tween® 20 a | | membrane with diluted shaking, overnight. | primary antibody ir | ר 5% w/v BSA, 1X |

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