Frizzled5 (D2H2) Rabbit mAb



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	Rabbit IgG	#Q13467	7855	
Product Usage Application Information Western Blotting Immunoprecipitation		Dilution 1:1000 1:200		
Storage Supplied in 10 mM sodium HEPES (phonon) 0.02% sodium azide. Store at -20°C. [/ml BSA, 50% glyce	rol and less than	
Specificity/Sensitivity Frizzled5 (D2H2) Rabbit mAb detects	Frizzled5 (D2H2) Rabbit mAb detects endogenous levels of total Frizzled5 protein.			
	Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro160 of human Frizzled5 protein.			
Frizzled (Fzd) belongs to the seven tra superfamily (1). Fzds have a large ext (CRD), which is involved in binding to domain of Dvl proteins, a major signa and the co-receptors LRP5 or LPR6, a phosphorylation of β-catenin by GSK3 some Wnt proteins can also activate to (6,7). The mammalian Fzd subfamily la through different pathways (8). Some Spondin (9-11).	acellular N-terminal region Wnt proteins (1,2). The intra ling component downstrea Id activate Wnt/β-catenin p -β (4,5). In addition to this α he Fzd/Ca ²⁺ pathway and F. as 10 members (Fzd1 to Fz	containing a cystei acellular C-terminus m of Fzd (3). Wnt pi athway through inh canonical Wnt/β-cat zd/PCP (planar cell d10) and they may	ne-rich domain s binds to the PDZ roteins bind to Fzd nibiting tenin pathway, polarity) pathway mediate signaling	
1. Schulte, G. and Bryja, V. (2007) Tree 2. Hsieh, J.C. et al. (1999) Proc Natl Ac 3. Wong, H.C. et al. (2003) Mol Cell 12 4. Zeng, X. et al. (2005) Nature 438, 83 5. Davidson, G. et al. (2005) Nature 436 6. Fanto, M. and McNeill, H. (2004) J. C 7. Kohn, A.D. and Moon, R.T. Cell Calc 8. Cadigan, K.M. and Liu, Y.I. (2006) J. 9 9. Xu, Q. et al. (2004) Cell 116, 883-95 10. Nam, J.S. et al. (2006) J Biol Chem 11. Hendrickx, M. and Leyns, L. (2008)	ad Sci USA 96, 3546-51. 1251-60. 3-7. 8, 867-72. ell Sci 117, 527-33. um 38, 439-46. Tell Sci 119, 395-402.			

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 W: Western Blotting IP: Immunoprecipitation

Cross-Reactivity Key H: Human

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