MESDC2 (C22F5) Rabbit mAb



Orders: 877-616-CELL (2355)

orders@cellsignal.com

Support: 877-678-TECH (8324)

Web: info@cellsignal.com

cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

Applications: W, IP	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 25, 26	Source/Isotype: Rabbit IgG	UniProt ID: #Q14696	Entrez-Gene Id: 23184	
Product Usage		Application			Dilution		
Information		Western Blotting			1:1000		
		Immunoprecipitation			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		MESDC2 (C22F5) Rabbit mAb detects endogenous levels of total MESDC2 protein.					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a recombinant human MESDC2 protein.					
Background		mesoderm developm chaperone for low-de with Wnt signaling pa and maturation to the	ent (MESD) deletior nsity lipoprotein red ithway coreceptors e cell surface, which RP5 is disrupted by	s 1 (MESDC1) and 2 (MES interval located on mou ceptor (LDLR) proteins in LRP5 and LPR6 (2). MESE plays a major role in Wr a G171V mutation in LRF bone mass (6).	use chromosome 7 the ER, and particu Dis required for pro nt signaling (3-5). Ti	(1). MESD acts as a ularly associates oper LRP5/6 folding ne interaction	
Background References		 Wines, M.E. et al. (2001) Genomics 72, 88-98. Hsieh, J.C. et al. (2003) Cell 112, 355-67. Herz, J. and Marschang, P. (2003) Cell 112, 289-92. Li, Y. et al. (2006) FEBS Lett 580, 5423-8. Li, Y. et al. (2005) J Cell Sci 118, 5305-14. Zhang, Y. et al. (2004) Mol Cell Biol 24, 4677-84. 					
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 M: Mouse R: Rat Mk: Monkey					

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