

TCF4/TCF7L2 (C48H11) Rabbit mAb (Biotinylated)



Orders:	877-616-CELL (2355) orders@cellsignal.com
Support:	877-678-TECH (8324)
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3 Trask Lane | Danvers | Massachusetts | 01923 | USA

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Applications: W	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 58, 79	Source/Isotype: Rabbit IgG	UniProt ID: #Q9NQB0	Entrez-Gene Id: 6934
Product Usage Information		Application Western Blotting			Dilution 1:1000	
Storage		Supplied in 136 mM N 50% glycerol. Store at		2 mM sodium phosphate <i>lot the antibody.</i>	e (pH 7.4) dibasic, 2	mg/ml BSA, and
Specificity/Sen	sitivity	TCF4/TCF7L2 (C48H11) Rabbit mAb (Biotinylated) detects endogenous levels of total TCF4/TCF7L2 protein.				TCF4/TCF7L2
Species predict based on 100% homology	ted to react sequence	Mouse, Chicken				
Source / Purific	cation	Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Leu331 of human TCF4/TCF7L2 protein.				
Description		This Cell Signaling Technology antibody is conjugated to biotin under optimal conditions. The biotinylated antibody is expected to exhibit the same species cross-reactivity as the unconjugated TCF4/TCF7L2 (C48H11) Rabbit mAb #2569.				
Background		transcription factors tl (TCF1/TCF7), TCF3/TCF important factors that LEF1 and TCF bind to V to the nucleus to pron and TCF are dynamica pathway is involved in TCF4/TCF7L2 is expres TCF4/TCF7L2 is require	hat consists of the 7L1, and TCF4/TCF regulate early lym Wnt response elem note the transcripti lly expressed durin many types of can used widely during ed to maintain the	nobility group (HMG) DN following: Lymphoid Enf 7L2 (1). LEF1 and TCF1/T phoid development (2) a ents to provide docking on of target genes upor g development and abe cers, including colon car development. Gene targ crypt stem cells of the su	hancer Factor 1 (LEF CF7 were originally and act downstream sites for β-catenin, a activation of Wht s errant activation of the ncer (4,5). geting studies indica mall intestine (6,7).	1), T Cell Factor 1 identified as in Wnt signaling. which translocates ignaling (3). LEF1 ne Wnt signaling te that TCF4/TCF7L2 has
				sed differentially in tissu of the TCF4/TCF7L2 gene		
Background Re	eferences	3. Brantjes, H. et al. (2 4. Reya, T. and Clevers	Clevers, H. (1998) . 002) <i>Biol Chem</i> 383 5, H. (2005) <i>Nature</i> 4 se, R. (2004) <i>Annu</i> ler, G.R. (1998) <i>Mec</i> 98) <i>Nat Genet</i> 19, 5 004) <i>Int J Oncol</i> 25, 3) <i>Clin Cancer Res</i>	Semin Immunol 10, 127- 9, 255-61. 134, 843-50. <i>Rev Cell Dev Biol</i> 20, 781 <i>h Dev</i> 77, 9-18. 379-83. 1685-92. 9, 2121-32.		
Species Reactiv	vity	Species reactivity is de	termined by testin	g in at least one approve	ed application (e.g.,	western blot).
Western Blot B	Suffer	IMPORTANT: For west TBS, 0.1% Tween® 20		membrane with diluted shaking, overnight.	primary antibody ir	1 5% w/v BSA, 1X
Applications K	ey	W: Western Blotting				

Cross-Reactivity Key	H: Human
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