Revision 6		
LEF1 (C12A5) Rabbit mAb		CHNOLOGY*
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Applications: W, IF-IC, FC-FP	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 25-58	Source/Isotype: Rabbit IgG	UniProt ID: #Q9UJU2	Entrez-Gene Id 51176		
Product Usage Information		Application Western Blotting Immunofluorescence Flow Cytometry (Fixe		istry)	Dilution 1:1000 1:100 - 1:400 1:200 - 1:800			
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.						
		For a carrier free (BSA and azide free) version of this product see product #68084.						
Specificity/Sensitivity		LEF1 (C12A5) Rabbit mAb detects endogenous level of total LEF1 protein. It does not recognize the dominant negative forms of LEF1 generated by an alternative promoter.						
		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro82 of human LEF1.						
Background		transcription factors (TCF1/TCF7), TCF3/TC important factors tha LEF1 and TCF bind to to the nucleus to pro and TCF are dynamic pathway is involved in LEF1 has several isofo	that consists of the F7L1, and TCF4/TCF at regulate early lym Wnt response elem mote the transcript ally expressed durir n many types of car prms due to alterna	obility group (HMG) DN. following: Lymphoid Enh 7L2 (1). LEF1 and TCF1/T phoid development (2) a ents to provide docking on of target genes upon g development and abe cers, including colon car	hancer Factor 1 (LEF CF7 were originally act downstrean sites for β-catenin, activation of Wht s rrant activation of t herer (4,5). as an alternative pr	1), T Cell Factor 1 identified as n in Wnt signaling. which translocates ignaling (3). LEF1 he Wnt signaling omoter that is		
Background Re	eferences	amino-terminal β-cat 1. Waterman, M.L. (20 2. Schilham, M.W. and 3. Brantjes, H. et al. (2 4. Reya, T. and Clever	enin binding domai 004) <i>Cancer Metast.</i> d Clevers, H. (1998) 2002) <i>Biol Chem</i> 383 s, H. (2005) <i>Nature-</i> sse, R. (2004) <i>Annu</i> 2000) <i>Nucleic Acids</i> 2001) <i>Nat. Genet.</i> 28	Semin Immunol 10, 127- ; 255-61. 134, 843-50. <i>Rev Cell Dev Biol</i> 20, 781 Res. 28, 1994-2003. ; 53-57.	dominant negative 32.			
Species Reactiv	vity	Species reactivity is d	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).		
Western Blot B	Buffer	IMPORTANT: For wes TBS, 0.1% Tween® 20			th diluted primary antibody in 5% w/v BSA, 1X ight.			
Applications K	ey	W: Western Blotting I (Fixed/Permeabilized		escence (Immunocytoch	nce (Immunocytochemistry) FC-FP: Flow Cytometry			
Cross-Reactivit	ty Key	H: Human M: Mouse	R: Rat					
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