e at -20C	LEF1 (C12A5) Rabbit mAb	T E	ell Signaling сн N о L о g Y®
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com
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For Desserabilies Only		Diagnastis Drasaduras
FOR Research Use Unit	y. NOUTOF USE IN	Diagnostic Procedures.

Applications: I WB, 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	Арј	olication			Dilı	ition	
Information	We	stern Blotting			1:10	000	
	Imn	nunofluorescence (I	mmunocytochem	iistry)	1:10	00 - 1:400	
	Flov	w Cytometry (Fixed/	Permeabilized)		1:20	00 - 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	a carrier free (BSA a	and azide free) ve	ersion of this product se	e 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.					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro82 of human LEF1.					
Background	facto TCF that Wnt pron dyna	ors that consists of the state	he following: Lyn 4/TCF7L2 (1). L hoid developmen to provide dockin n of target genes during developme	mobility group (HMG) D aphoid Enhancer Factor EF1 and TCF1/TCF7 we t (2) and act downstreau ng sites for β-catenin, w upon activation of Wnt ent and aberrant activati ling colon cancer (4,5).	1 (LEF1), T Cell Factor ere originally identified m in Wnt signaling. LE hich translocates to th signaling (3). LEF1 an	or 1 (TCF1/TCF7), as important factors IF1 and TCF bind to e nucleus to id TCF are	
	prefe	erentially active in ly	mphocytes. The	ative splicing. LEF1 also isoforms generated by t ay function in a domina	his alternative promot	er have no amino-	
Background Referer		•	,	asis Rev 23, 41-52.) Semin Immunol 10, 12	27-32.		
		antjes, H. et al. (200					
		eya, T. and Clevers,		e 434, 843-50. u Rev Cell Dev Biol 20,	781-810		
				s Res. 28, 1994-2003.	101 010.		
		ovanes, K. et al. (20 obielak, A. et al. (20	,				
Species Reactivity	Spec	es reactivity is dete	rmined by testing	in at least one approve	ed application (e.g., we	estern 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		WB: Western Blotting IF-IC: Immunofluorescence (Immunocytochemistry) FC-FP: Flow Cytometry (Fixed/Permeabilized)					
Cross-Reactivity Key		H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expected					

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Limited Uses

LEF1 (C12A5) Rabbit mAb (#2230) Datasheet Without Images Cell Signaling Technology

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