3/23/24, 10:42 AM Revision 3

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e at -20C	FoxP3 (D6O8C) Rabbit mAb	Ce T E	Cell Signaling	
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com	
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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: WB, FC-FP	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 45	Source/Isotype: Rabbit IgG	UniProt ID: #Q9BZS1	Entrez-Gene Id: 50943		
Product Usage Information	W	pplication lestern Blotting ow Cytometry (Fixed	/Permeabilized)			Dilution 1:1000 1:200		
Storage	Su	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.						
	Foi	r a carrier free (BSA	and azide free) v	ersion of this product se	e product #19713.			
Specificity / Sensitivity		FoxP3 (D6O8C) Rabbit mAb recognizes endogenous levels of total FoxP3 protein.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro293 of human FoxP3 protein.						
Background Background Refere	sed 43 wh car pro pro ass (7) Fo: (7) Fo: (7)	quence known as For Fox proteins that are ich are broadly expre- ncer pathogenesis (2 oteins: their Forkhead imote homo- and het xP3 is crucial for the sociated with immune , while overexpression xP3 functions as a tu Myatt, S.S. and Lam, Shu, W. et al. (2002) -u, M.M. et al. (2002)	rkhead box or wir e divided into sub essed and play in -4). The FoxP su I domain is locate erodimerization. development of e dysregulation, p on in mice causes mor suppressor i E.W. (2007) Nat J Biol Chem 276 Gene Expr Patte D) Expert Opin T ol Cell Biol 24, 80 D7) Immunol Res 2001) Nat Genet 2 I. (2003) J Immun Cell 129, 1275-86 Clin Invest 117,	erns 2, 223-8. /her Targets 11, 955-65. 9-22. 38, 112-21. 27, 20-1. hol 171, 1216-23. 3765-73.	domain (1). The hum amily has four memb levelopment, immune racteristics that are a al region and they co inction as transcriptio roperties (Treg) (6). M eropathy, and X-linke ncy (8). Research stu er (9-11).	an genome contains ers, FoxP1 - FoxP4, e response, and typical among Fox ntain motifs that nal repressors (4,5). Iutations in FoxP3 are d syndrome (IPEX)		
Species Reactivity	Spe	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		WB: Western Blotting FC-FP: Flow Cytometry (Fixed/Permeabilized)						
Cross-Reactivity K	X: ×		B: bovine Dg: de	Mk: monkey Vir: virus I og Pg: pig Sc: S. cerevi es expected				

Trademarks and Patents FoxP3 (D6O8C) Rabbit mAb (#12632) Datasheet Without Images Cell Signaling Technology

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