e at -20C	FoxP3 (D2W8E <sup>™</sup> ) Rabbit mAb			
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com	
377		Support:	877-678-TECH (8324)	
#98377		Web:	info@cellsignal.com cellsignal.com	
#	3	Trask Lane   Danvers   Ma	ssachusetts   01923   USA	

## For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: IHC-Bond, IHC-P	Reactivity: H Mk	: Sensitivity: Endogenous	<b>MW (kDa):</b> 45	Source/Isotype: Rabbit IgG	UniProt ID: #Q9BZS1	Entrez-Gene Id: 50943		
Product Usage Information Storage		<b>Application</b> IHC Leica Bond Immunohistochemistry (Paraffin)			<b>Dilution</b> 1:50 1:50 - 1:200			
		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 $\mu$ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.						
	F	For a carrier free (BSA and azide free) version of this product see product #74816.						
Specificity / Sensitivity		FoxP3 (D2W8E <sup>™</sup> ) Rabbit mAb recognizes endogenous levels of total FoxP3 protein.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with recombinant protein specific to human FoxP3.						
Background	ences 1 6 7 8 8 9 7 8 9 10	Forkhead box (Fox) protesequence known as Fork 43 Fox proteins that are of which are broadly express cancer pathogenesis (2-4 proteins: their Forkhead of promote homo- and hete FoxP3 is crucial for the d associated with immune (7), while overexpression FoxP3 functions as a tun 1. Myatt, S.S. and Lam, F 2. Shu, W. et al. (2001) J 3. Lu, M.M. et al. (2001) J 3. Lu, M.M. et al. (2002) 4. Koon, H.B. et al. (2007) 5. Li, S. et al. (2004) <i>Mol</i> 6. Ochs, H.D. et al. (2007) 7. Bennett, C.L. et al. (2007) 8. Kasprowicz, D.J. et al. 9. Zuo, T. et al. (2007) J 1. Wang, L. et al. (2009)	khead box or wir divided into subf sed and play im 4). The FoxP sul domain is locate rodimerization. I levelopment of T dysregulation, p n in mice causes nor suppressor i E.W. (2007) Nat Biol Chem 276, Gene Expr Patte 7) Expert Opin T Cell Biol 24, 809 7) Immunol Res 101) Nat Genet 2 (2003) J Immur ell 129, 1275-86 Clin Invest 117,	nged helix DNA binding families. The FoxP subfi- portant roles in organ d ofamily has several cha d at the carboxy-termin FoxP proteins usually fu cells with regulatory pr olyendocrinopathy, enter severe immunodeficier n several types of cancer <i>Rev Cancer</i> 7, 847-59. 27488-97. 27788-97. 27788-9	domain (1). The humar amily has four member levelopment, immune r racteristics that are aty al region and they cont inction as transcriptiona operties (Treg) (6). Mu propathy, and X-linked rcy (8). Research studi er (9-11).	n genome contains rs, FoxP1 - FoxP4, esponse, and pical among Fox tain motifs that al repressors (4,5). tations in FoxP3 are syndrome (IPEX)		
Species Reactivity	s s	Species reactivity is deter	mined by testing	in at least one approve	ed application (e.g., we	stern blot).		
Applications Key	I	IHC-Bond: IHC Leica Bond IHC-P: Immunohistochemistry (Paraffin)						
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						
Trademarks and Patents		Cell Signaling Technology SignalStain is a registered						

FoxP3 (D2W8E<sup>™</sup>) Rabbit mAb (#98377) Datasheet Without Images Cell Signaling Technology All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for more information.

Limited Uses

Except as otherwise expressly agreed in a writing signed by a legally authorized representative of CST, the following terms apply to Products provided by CST, its affiliates or its distributors. Any Customer's terms and conditions that are in addition to, or different from, those contained herein, unless separately accepted in writing by a legally authorized representative of CST, are rejected and are of no force or effect.

Products are labeled with For Research Use Only or a similar labeling statement and have not been approved, cleared, or licensed by the FDA or other regulatory foreign or domestic entity, for any purpose, Customer shall not use any Product for any diagnostic or therapeutic purpose, or otherwise in any manner that conflicts with its labeling statement. Products sold or licensed by CST are provided for Customer as the end-user and solely for research and development uses. Any use of Product for diagnostic, prophylactic or therapeutic purposes, or any purchase of Product for resale (alone or as a component) or other commercial purpose, requires a separate license from CST. Customer shall (a) not sell, license, loan, donate or otherwise transfer or make available any Product to any third party, whether alone or in combination with other materials, or use the Products to manufacture any commercial products, (b) not copy, modify, reverse engineer, decompile, disassemble or otherwise attempt to discover the underlying structure or technology of the Products, or use the Products for the purpose of developing any products or services that would compete with CST products or services, (c) not alter or remove from the Products any trademarks, trade names, logos, patent or copyright notices or markings, (d) use the Products solely in accordance with CST Product Terms of Sale and any applicable documentation, and (e) comply with any license, terms of service or similar agreement with respect to any third party products or services used by Customer in connection with the Products.