-

e at -20C	ZO-1 (D7D12) Rabbit mAb		cн N о L о g Y®
Store at		Orders:	877-616-CELL (2355) orders@cellsignal.com
33		Support:	877-678-TECH (8324)
#8193		Web:	info@cellsignal.com cellsignal.com
#	3 Tras	k Lane Danvers Ma	ssachusetts 01923 USA

Eor Research Lise Only	/ Not for Lise i	in Diagnostic Procedures.
FUI RESEAICII USE UIII	, NULIUI USE I	in Diagnostic Frocedures.

Applications: WB, IP	Reactivity: H Mk	Sensitivity: Endogenous	MW (kDa): 220	Source/Isotype: Rabbit IgG	UniProt ID: #Q07157	Entrez-Gene Id: 7082	
Product Usage Information	We	plication estern Blotting munoprecipitation			Dilution 1:1000 1:50		
Storage		•		7.5), 150 mM NaCl, 100 not aliquot the antibody		erol and less than	
Specificity / Sensiti	vity ZO-	ZO-1 (D7D12) Rabbit mAb recognizes endogenous levels of total ZO-1 protein.					
Source / Purificatio		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy terminus of human ZO-1 protein.					
Background Background Refere	endd bloc (rev that (rev proli tran 7). T lack to b duct 2. M 3. H 4. U 5. B 6. Tr 7. H	othelium. They function king the movement of iewed in 1). ZO-1, -2, link junctional transm iewed in 2). ZO-1 and iferating cells, ZO-1 and iferating cells, ZO-1 and scriptional regulation, The ZO-2 gene is trans is a 23 amino acid arr e widely expressed, a tal cancer (8). hin, K. et al. (2006) A latter, K. and Balda, M ernandez, S. et al. (2006) etanzos, A. et al. (2007) raweger, A. et al. (2007)	on in regulation f transmembrar and -3 (also kn nembrane protei d ZO-2 are requ and ZO-2 have b possibly throug scribed from tw inno-terminal se abnormal regula <i>nnu Rev Cell De</i> A.S. (2007) <i>J Ce</i> 007) <i>Exp Cell Re</i> 0 <i>Cell</i> 126, 741- 04) <i>Exp Cell Re</i> 03) <i>J Biol Chem</i>) <i>Mol Biol Cell</i> 1	ell Sci 120, 1505-11. es 313, 1533-47. 54. s 292, 51-66. 278, 2692-700.	ility and in the mainter apical and the basola are peripheral membr d claudin, to the actin mation and function (3 to the nucleus and p port/export of transcrip the ZO-2A and ZO-2 O-2 isoforms. While b	ance of cell polarity, teral cell surfaces ane adaptor proteins cytoskeleton 8,4). In subconfluent lay a role in otional regulators (5- C isoforms. ZO-2C oth isoforms appear	
Species Reactivity	Spec	ies reactivity is deter	mined by testing	g in at least one approve	d application (e.g., we	estern blot).	
Western Blot Buffer				membrane with diluted th gentle shaking, overn		% w/v nonfat dry	
Applications Key	WB:	Western Blotting IP:	Immunoprecipi	tation			
Cross-Reactivity Ke	X: Xe		B: bovine Dg: do	Mk: monkey Vir: virus N og Pg: pig Sc: S. cerevis es expected			
Trademarks and Patents	All ot			of Cell Signaling Techno eir respective owners. \		demarks for more	
Limited Uses							

ZO-1 (D7D12) Rabbit mAb (#8193) Datasheet Without Images Cell Signaling Technology

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.