Revision 1			
DLL4 (D7N3H) Rabbit mAb	C	Cell Signaling	
	Orders:	877-616-CELL (2355) orders@cellsignal.com	
90	Support:	877-678-TECH (8324)	
#96406	Web:	info@cellsignal.com cellsignal.com	
#	3 Trask Lane Danvers Mas	sachusetts 01923 USA	

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

Applications: W, IP, IF-IC	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 75-80	Source/Isotype: Rabbit IgG	UniProt ID: #Q9NR61	Entrez-Gene Io 54567		
Product Usage Information		Application Western Blotting Immunoprecipitation Immunofluorescence		istry)		Dilution 1:1000 1:200 1:400		
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.						
Specificity/Sen	sitivity	DLL4 (D7N3H) Rabbit mAb recognizes endogenous levels of total DLL4 protein.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with recombinant protein specific to the carboxy terminus of human DLL4 protein.						
Background		Serrate, Lag2) protein EGF-like repeats and a been identified in man Notch receptor result and the y-secretase co nucleus where it activ suggesting a bi-direct DLL4 expression is hig	s of single-pass typ a DSL domain that i mmals: Jagged1, Jag s in two sequential omplex. The intrace ates transcription. I ional signaling thrc ghly restricted to th ts in vascular system	ement of the Notch rece e I membrane proteins. s required for binding to gged2, Delta-like (DLL) 1 proteolytic cleavages of llular domain of Notch i: Notch ligands may also l ugh receptor-ligand into e vascular endothelium ns in mouse (8-11). Bloc	The DSL proteins c b Notch (1,2). Five D , 3 and 4 (3). Liganc the receptor by the s released and ther be processed in a w eractions (4-6). (7), and haploinsuff	ontain multiple SL proteins have l binding to the e ADAM protease o translocates to the ray similar to Notch ficiency of DLL4		
Background Re	ferences	 Shutter, J.R. et al. (20) Gale, N.W. et al. (20) Krebs, L.T. et al. (20) No Duarte, A. et al. (21) Hellström, M. et al Noguera-Troise, I. 	(2004) Semin. Can. m Cells 24, 2437-24 (03) J. Biol. Chem. 2 Proc. Natl. Acad. Sci. koe, D.J. (2003) J. Bi (000) Genes Dev 14, 04) Proc Natl Acad (2004) Genes Dev 18, 2004) Genes Dev 18, (2007) Nature 445 et al. (2006) Nature 007) Proc Natl Acad	cer Biol. 14, 320-328. 47. 78, 13607-13610. USA 100, 7638-7643. ol. Chem. 278, 34427-34. 1313-8. Sci U S A 101, 15949-54. 469-73. 2474-8. 2474-8. , 776-80. 444, 1032-7. 1 Sci U S A 104, 3219-24.	437.			
Species Reactiv	/ity	Species reactivity is de	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).		
			stern blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X 0 at 4°C with gentle shaking, overnight.					
Applications Key		W: Western Blotting IP: Immunoprecipitation IF-IC: Immunofluorescence (Immunocytochemistry)						
Cross-Reactivity Key H: Human								
Trademarks and Patents	d Patents	Cell Signaling Technol	ogy is a trademark	of Cell Signaling Techno	logy, Inc.			
		XP is a registered trademark of Cell Signaling Technology, Inc.						
		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 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 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.

Orders: 877-616-CELL (2355) • orders@cellsignal.com • Support: 877-678-TECH (8324) • info@cellsignal.com • Web: cellsignal.com For Research Use Only. Not for Use in Diagnostic Procedures.