Store at +4C

849

β-Catenin (L54E2) Mouse mAb (Alexa Fluor[®] 488 Conjugate)



Orders:	877-616-CELL (2355) orders@cellsignal.com
Support:	877-678-TECH (8324)
Web:	info@cellsignal.com cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

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

Applications: IF-F, IF-IC, FC-FP	Reactivity: H R	Sensitivity: Endogenous	Source/Isotype: Mouse IgG1	UniProt ID: #P35222	Entrez-Gene Id: 1499	
Product Usage Information		Application Immunofluorescence (F Immunofluorescence (Ir Flow Cytometry (Fixed/P	nmunocytochemistry)		Dilution 1:25 - 1:100 1:25 - 1:100 1:50	
Storage		Supplied in PBS (pH 7.2), less than 0.1% sodium azide and 2 mg/ml BSA. Store at 4°C. Do not aliquot the antibody. Protect from light. Do not freeze.				
Specificity/Sensiti	ivity	β-Catenin (L54E2) Mouse mAb (Alexa Fluor [®] 488 Conjugate) detects endogenous levels of total $β$ -catenin protein.				
Species predicted based on 100% se homology	to react quence	Mouse, Monkey, Pig				
Source / Purificati	ion	Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to the carboxy terminus of human β-catenin. The antibody was conjugated to Alexa Fluor [®] 488 under optimal conditions with an F/P ratio of 2-5.				
Description		This Cell Signaling Technology antibody is conjugated to Alexa Fluor [®] 488 fluorescent dye and tested in-house for direct flow cytometry and immunofluorescent analysis in human cells. The antibody is expected to exhibit the same species cross-reactivity as the unconjugated β-Catenin (L54E2) Mouse mAb (IF Preferred) #2677.				
Background		biological processes in v phosphorylates β-cateni phosphorylation by GSK	ertebrates: early embryo n at Ser45. This phospho -3β (4-6). GSK-3β destabil s at these sites result in th	nic development (2) a rylation event primes lizes β-catenin by pho). It is implicated in two major nd tumorigenesis (3). CK1 β-catenin for subsequent sphorylating it at Ser33, Ser37, atenin protein levels and have	
Background Refe	rences	2. Wodarz, A. and Nusse	// 108, 837-47.)02) <i>EMBO J</i> 21, 1733-42. <i>enes Dev</i> 10, 1443-54.	<i>Dev Biol</i> 14, 59-88.		
Species Reactivity	1	Species reactivity is dete	rmined by testing in at le	east one approved app	blication (e.g., western blot).	
Applications Key		IF-F: Immunofluorescen Cytometry (Fixed/Perme	. ,	ofluorescence (Immu	nocytochemistry) FC-FP: Flow	
Cross-Reactivity K	(ey	H: Human R: Rat				
Trademarks and F	Patents	Cell Signaling Technolog	y is a trademark of Cell S	ignaling Technology,	Inc.	
		transfer of this product i conducted by the buyer,	is conditioned on the buy	ver using the purchase rch or any fee for serv	e Technologies Corporation. The ed product solely in research vice research, and the buyer apeutic or prophylactic	

	purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com.
	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.
	22FF) - andara@aallainnal.com - Cumarte 077 C70 TFCU (0224) - infa@aallainnal.com - Wale callainnal.com

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.