1/1/24, 3:25 PM Revision 1

e at -20C	Clusterin (D4B6P) Rabbit mAb	T E	Cell Signaling	
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com	
43		Support:	877-678-TECH (8324)	
421		Web:	info@cellsignal.com cellsignal.com	
#	3 т	rask Lane Danvers Mas	ssachusetts 01923 USA	

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

Applications: Re WB, IP	eactivity: Sensitivity: H Endogenous	MW (kDa): 32-42, 65, 75	Source/Isotype: Rabbit IgG	UniProt ID: #P10909	Entrez-Gene Id: 1191		
Product Usage Information	Application Western Blotting Immunoprecipitatio	n		Dilution 1:1000 1:50			
Storage		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.					
Specificity / Sensitivit		Clusterin (D4B6P) Rabbit mAb recognizes endogenous levels of total clusterin precursor protein, mature clusterin α chain, and clusterin heterodimer protein.					
Source / Purification	-	Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding His392 of human clusterin protein.					
Background	tissues. Clusterin fur induced proteins to role in Alzheimer's d which prevents amy isoforms are localize these multiple isofor involved in membrar clusterin precursor is	inctions as a secreted prevent their precipit isease by sequester oid fibril formation (3 ed to the nucleus, mi ms leads to the dive ne recycling, cell adh s post-translationally	Itifunctional glycoprotei d chaperone protein tha ation (1,2). Research st ing amyloid β (1-40) pep 3-5). In addition to the s tochondria, cytoplasm, rsity of clusterin function resion, cell proliferation, cleaved into the mature dimer through formation	t interacts with and sta udies show that cluste otides to form long-live ecreted protein, severa and ER. The subcellula ns. Additional studies r apoptosis, and tumor e clusterin α and cluste	bilizes stress- rin plays a protective d, stable complexes, al intracellular ar distribution of eport that clusterin is survival (6-9). The erin β forms.		
Background Referenc	2. Poon, S. et al. (20 3. Yerbury, J.J. et al. 4. Narayan, P. et al. 5. Desikan, R.S. et a 6. Rosenberg, M.E. 7. Wilson, M.R. and	02) FEBS Lett 513, (2007) FASEB J 21 (2012) Nat Struct Mo I. (2014) JAMA Neu and Silkensen, J. (19 Easterbrook-Smith, d Gonos, E.S. (2002 (2006) Cell Death D	259-66. , 2312-22. ol Biol 19, 79-83. rol 71, 180-7. 995) Int J Biochem Cell S.B. (2000) Trends Biod 2) Int J Biochem Cell Bio Differ 13, 12-9.	chem Sci 25, 95-8.			
Species Reactivity	Species reactivity is o	letermined by testing	g in at least one approv	ed application (e.g., we	estern 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 Blottin	WB: Western Blotting IP: Immunoprecipitation					
Cross-Reactivity Key	X: Xenopus Z: zebra	 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	XP is a registered tra	Cell Signaling Technology is a trademark of Cell Signaling Technology, 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.					

Clusterin (D4B6P) Rabbit mAb (#42143) 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.