e at -20C	RPL5 (D5Q5X) Rabbit mAb				
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com		
345		Support:	877-678-TECH (8324)		
#51345		Web:	info@cellsignal.com cellsignal.com		
#		3 Trask Lane Danvers	Massachusetts 01923 USA		

For Research Use Only. Not for Use in Diagnostic Procedures.									
Applications:	Peactivity:	Soncitivity:	MW (kDa).						

For Research Use Only. Not for Use in Diagnostic Procedures.							
Applications: WB	Reactivity: H Mk	Sensitivity: Endogenous	MW (kDa): 34	Source/Isotype: Rabbit IgG	UniProt ID: #P46777	Entrez-Gene Id: 6125	
Product Usage	Α	pplication			Dilution		
Information	V	Vestern Blotting			1:1000		
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 / Sensitivity		RPL5 (D5Q5X) Rabbit mAb recognizes endogenous levels of total RPL5 protein.					
Species predicted to react based on 100% sequence homology:		ovine, Pig, Horse					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Gln122 of human RPL5 protein.					
Background	bir ind rib Mi wi Mi ge	nds 5S rRNA and the corporated into the lar posomal proteins RPL DM2 ubiquitin ligase a th RPL11 to influence yc, which acts as the	nucleolar RPL11 rge 60S ribosoma 5, RPL11, and R activity and enhale ribosome bioger master regulator th Diamond-Blac	everal proteins that com protein to form the 5S r al subunit (1). An RP-ME PL23 acts as a nucleola nces p53-mediated trans nesis through regulating of ribosome biogenesis (fan anemia, which is a astic leukemia (5,6).	ibonucleoprotein parti- DM2-p53 protein comp r stress sensor that bi- scriptional activity (2,3 expression of the trar (4). Mutations in the c	cle (RNP) that is lex that contains nds and inhibits). RPL5 cooperates iscription factor c- orresponding <i>RPL5</i>	
Background Refer	2. 3. 4. 5.	Zhang, J. et al. (2007 Horn, H.F. and Vousd Dai, M.S. and Lu, H. Liao, J.M. et al. (2013 Avondo, F. et al. (200 De Keersmaecker, K.	len, K.H. (2008) (2004) J Biol Che 3) Oncogene, [Ep 9) BMC Genomi	Oncogene 27, 5774-84. em 279, 44475-82. oub ahead of print]. cs 10, 442.			
Species Reactivity	y Spo	ecies reactivity is dete	ermined by testing	g in at least one approve	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	W	WB: Western Blotting					
Cross-Reactivity F	X: 1	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	All		chnology is a trademark of Cell Signaling Technology, Inc. arks are the property of their respective owners. Visit cellsignal.com/trademarks for more				
Limited Uses							

RPL5 (D5Q5X) Rabbit mAb (#51345) 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.