## 1929 Store at -20C

## SENP1 (D16D7) Rabbit mAb



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: WB	Reactivity: H	Sensitivity: Endogenous	<b>MW (kDa):</b> 76	Source/Isotype: Rabbit IgG	UniProt ID: #Q9P0U3	Entrez-Gene Id: 29843
Product Usage Information	Α	Application		Dilution		
	V	Vestern Blotting			1:1000	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 $\mu$ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.				
Specificity / Sensitivity		SENP1 (D16D7) Rabbit mAb recognizes endogenous levels of total SENP1 protein.				
Source / Purification	-	Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Gln175 of human SENP1 protein.				
Background	nu su co pr bio (5 co Ur frc dii	icleoplasm and cataly ibstrates (1,2). SENP: ontrol of normal cellula oteins, such as HDAC ological pathways (3-8), activating downstre ontributes to Stat5 acender stress conditions apoptosis (8). SEN	zes the release of has been report function (2). The classification (2) and the classification (2) and veget and veget expressivation and substance of the classification and	O-specific protease (SEI of SUMO1, SUMO2, and ted to be responsible for the removal of sumoylation, p300, Elk-1, and SirT1 and desumoylation of HIF asion and angiogenesis as with and inactivates Supported to target the progression (3,10-13).	I SUMO3 monomers for intracellular SUMO has by SENP1 from mand pleads to the regulation in the stabilizes the targeton. SENP1 desumoyles are lymphocyted for the stabilizes and androgeton in the stabilizes and androgeton in the sumoylation in the stabilizes.	rom sumoylated comeostasis in the my important target on of the related et during hypoxia ates Stat5 and evelopment (6).  In protecting cells on receptors, either
Background Referer	2. 3. 4. 5. 6. 7. 8. 9. 10. 11.	Bawa-Khalfe, T. and Cheng, J. et al. (2004 Cheng, J. et al. (2005 Cheng, J. et al. (2007 Van Nguyen, T. et al. Witty, J. et al. (2010) Yang, Y. et al. (2010) J. Kaikkonen, S. et al. (Abdel-Hafiz, H.A. and Wang, Q. et al. (2012	ng, J. et al. (2006) Neoplasia 8, 667-76. a-Khalfe, T. and Yeh, E.T. (2010) Genes Cancer 1, 748-752. ng, J. et al. (2004) Mol Cell Biol 24, 6021-8. ng, J. et al. (2005) J Biol Chem 280, 14492-8. ng, J. et al. (2007) Cell 131, 584-95. Nguyen, T. et al. (2012) Mol Cell 45, 210-21. /, J. et al. (2010) Biochem J 428, 247-54. g, Y. et al. (2007) Nat Cell Biol 9, 1253-62. Y. et al. (2010) J Biol Chem 285, 36682-8. konen, S. et al. (2009) Mol Endocrinol 23, 292-307. el-Hafiz, H.A. and Horwitz, K.B. (2012) BMC Mol Biol 13, 10. g, Q. et al. (2012) Oncogene, . son, T.P. et al. (2012) Breast Cancer Res 14, R95.			

**Species Reactivity** 

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

**Western Blot Buffer** 

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

**Applications Key** 

WB: Western Blotting

**Cross-Reactivity Key** 

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

1/1/24. 8:01 AM

Trademarks and Patents

**Limited Uses** 

SENP1 (D16D7) Rabbit mAb (#11929) Datasheet Without Images Cell Signaling Technology

Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc.
All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for more information.

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.