

62370

SMRT (D8D2L) 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: W, ChIP	Reactivity: H Mk	Sensitivity: Endogenous	MW (kDa): 270	Source/Isotype: Rabbit IgG	UniProt ID: #Q9Y618	Entrez-Gene Id: 9612
Product Usage Information		For optimal ChIP results, use 10 μ l of antibody and 10 μ g of chromatin (approximately 4 x 10 ⁶ cells) per IP. This antibody has been validated using SimpleChIP [®] Enzymatic Chromatin IP Kits.				
		Application Western Blotting Chromatin IP			Dilution 1:1000 1:50	
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		SMRT (D8D2L) Rabbit mAb recognizes endogenous levels of total SMRT protein. This antibody does not cross-react with NCoR1 protein.				
Source / Purification		Monoclonal antibody is produced by immunizing animals with a recombinant protein corresponding to residues near the amino terminus of human SMRT protein.				
Background		and its close paralog hormone receptors) (DNA bound non-sterc receptors with multip transcription, in part, the N-terminal portio domains (RDs) respor such as HDACs, mSin: motifs known as SAN repressor complex in contain multiple nucl CoRNR box (or L/I-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X	NCoR2, also know a 1,2). NCoR1 and SM oidal nuclear recept through deacetylat n of NCoR1 and SM nsible for the recruit T motifs (SWI3, ADA order to enhance Hear receptor interact/IV-I) motif that all	ptor corepressors are N s SMRT (silencing media RT function to transcriptors by serving as a large deling factors that represion of core histones sur RT possess multiple distiment of additional com BLR1. In between the RI 2, N-CoR, and TFIIIB), wild IDAC3 activity (3). The Ction domains (NDs), eacow for binding to variou) and retinoic acid (RAR)	ator for retinoic acid tionally silence varia molecular scaffold as nuclear receptor- rounding target pro- inct transcriptional ponents of the core Ds lies a pair of pote hich recruit HDAC3 terminal portion of h of which contains s unliganded nucle	and thyroid ous unliganded, that bridges the mediated gene moters. Indeed, repression pressor complex ent repressor and histones to the NCoR1 and SMRT a conserved
Background References		2. Hörlein, A.J. et al. (1 3. Jones, P.L. and Shi, 4. Downes, M. et al. (1	Evans, R.M. (1995) <i>Nature</i> 377, 454-7. : al. (1995) <i>Nature</i> 377, 397-404. I Shi, Y.B. (2003) <i>Curr Top Microbiol Immunol</i> 274, 237-68. t al. (1996) <i>Nucleic Acids Res</i> 24, 4379-86. nd Privalsky, M.L. (1998) <i>Mol Cell Biol</i> 18, 5724-33.			
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 W: Western Blotting ChIP: Chromatin IP

Cross-Reactivity Key H: Human Mk: Monkey

Trademarks and Patents Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc.

SimpleChIP 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 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.