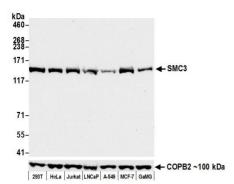
## SMC3 Recombinant Monoclonal Antibody [BLR099G]

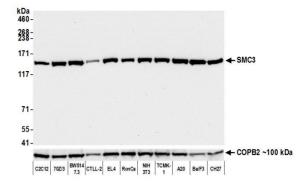
Rabbit Recombinant Monoclonal					
Purified		Protein ID	NP_005436.1		
Catalog No.	No. A700-099-T		GenelD	9126	RETUVI
Lot No.	o. A700-099-T-1				LABORATORIES, INC
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human, Mouse			
AMOUNT		20 µl (2 blots)			
CONCENTRATION		1000 µg/ml			
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt			
PHYSICAL STATE		Liquid			
BUFFER		Borate Buffered Saline (BBS) pH 8.2 with 0.09% Sodium Azide, BSA Free			
ISOTYPE		IgG			
CLONE #		BLR099G			
ORIGIN		USA			
PRODUCTION PROCEDURES		Recombinant antibody was purified from cell culture supernatant.			
		Immunogen was a peptide representing a region between residue 1175 and the C-terminus (residue 1217) of human Structural maintenance of chromosomes protein 3 (SMC3) using the numbering given in entry NP_005436.1 (Gene ID 9126).			
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.			
		Western Blot	1:1	000	
		Immunoprecip	itation 6 µ	ıl/1 mg lysate	
ADDITIONAL INFO		https://www.bethyl.com/product/A700-099-T Use the link above to view SDS, a current list of citations, and other product specific information.			

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: January 24, 2020

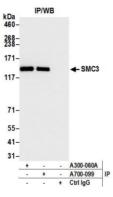
For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. Shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.



Detection of human SMC3 by western blot. *Samples:* Whole cell lysate (50 µg) from HEK293T, HeLa, Jurkat, LNCaP, A-549, MCF-7, and GaMG cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-SMC3 recombinant monoclonal antibody [BLR099G] (A700-099-T lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).



**Detection of mouse SMC3 by western blot.** *Samples:* Whole cell lysate (50 µg) from C2C12, 70Z/3, BW5147.3, CTLL-2, EL4, RenCa, NIH 3T3, TCMK-1, A20, Ba/F3, and CH27 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-SMC3 recombinant monoclonal antibody [BLR099G] (A700-099-T lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).



## Detection of human SMC3 by western blot of

**immunoprecipitates.** Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-SMC3 recombinant monoclonal antibody [BLR099G] (A700-099-T lot 1) used for IP at 6  $\mu$ l per reaction. SMC3 was also immunoprecipitated by rabbit anti-SMC3 antibody A300-060A. For blotting immunoprecipitated SMC3, A700-099-T was used at 1:1000. Chemiluminescence with an exposure time of 10 seconds.

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.