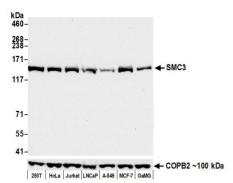
## SMC3 Recombinant Monoclonal Antibody [BLR099G]

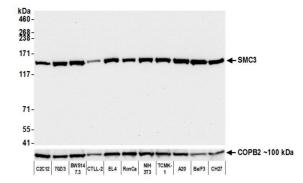
Rabbit Recombinant Monoclonal						
Purified		Protein ID	NP_005436.1			
Catalog No.	A700-	099	GenelD	9126	RETUVI	
Lot No.	A700-	099–1			LABORATORIES, INC	
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human, Mouse				
AMOUNT		100 µl (10 blots)				
CONCENTRATION		1000 μg/ml				
STORAGE/SHELF LIFE		2 - 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	II/1 mg lysate		
		· · · · · · · · · · · · · · · · · · ·	https://www.bethyl.com/product/A700-099 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

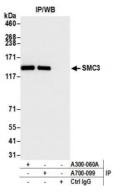
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Detection of human SMC3 by western blot. *Samples:* Whole cell lysate (50 µg) from HEK293T, HeLa, Jurkat, LNCaP, A-549, MCF-7, and GaMG cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-SMC3 recombinant monoclonal antibody [BLR099G] (A700-099 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 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 lot 1) used for IP at 6 µl per reaction. SMC3 was also immunoprecipitated by rabbit anti-SMC3 antibody A300-060A. For blotting immunoprecipitated SMC3, A700-099 was used at 1:1000. Chemiluminescence with an exposure time of 10 seconds.

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