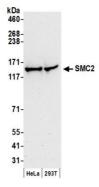
SMC2 Antibody

5	ied -057A -057A–2	Protein ID GenelD	NP_006435.1 10592	BETHYL LABORATORIES, INC
APPLICATIONS SPECIES REACTIVITY PRESUMED REACTIVITY	WB Human Based on 100%	sequence ide	ntity, this antibody is predict	ed to react with Mouse
AMOUNT100 μlCONCENTRATION1000 μg/mlSTORAGE/SHELF LIFE2 - 8° C / 1 year from date of receipt				
PHYSICAL STATE BUFFER ISOTYPE	Liquid Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide IgG			
ORIGIN USA PRODUCTION PROCEDURES Antibody was affinity purified using an epitope specific to SMC2 immobilized The epitope recognized by A300–057A maps to a region between residues 99 human Structural Maintenance of Chromosomes 2 using the numbering giver		petween residues 950 and 1000 of		
	NP_006435.1 (GeneID 10592). Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.			
APPLICATIONS		by the investi	oduct from lid. Optimal work gator. Prepare working diluti 2,000 – 1:10,000	king dilutions should be determined on immediately before use.
APPLICATION NOTES ADDITIONAL INFO	Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. https://www.bethyl.com/product/A300-057A 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: June 24, 2019

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Detection of human SMC2 by western blot. Samples: Whole cell lysate (50 μ g) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SMC2 antibody A300-057A (lot A300-057A-2) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.