Phospho SMC3 (S1083) Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A304-637A

Lot No. A304-637A-2

Protein ID NP_005436.1

GeneID 9126

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat and Orangutan
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to SMC3, Phospho (S1083) immobilized on solid support. The epitope recognized by A304-637A maps to a region between residue The epitope recognized by A304-637A maps to a region surrounding residue 1083 when Serine 1083 is phosphorylated of human Structural Maintenance of Chromosomes 3 using the numbering given in SwissProt entry Q9UQE7 (GeneID 9126). of human Structural Maintenance of Chromosome 3 using the numbering given in entry NP_005436.1 (GeneID 9126). Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.
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	1:500 - 1:2,500
Immunoprecipitation	2 - 10 µg/mg lysate

APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.
ADDITIONAL INFO	Please visit our website for additional product 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

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