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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Phospho SMC3 (S383) Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_005436.1
Catalog No. A300-061A GeneID 9126
Lot No. A300-061A-1



APPLICATIONS	IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, X. laevis, Bovine 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 a phosphorylated epitope corresponding to phosphorylation at Serine 383 immobilized on solid support.

Immunogen for A300-061A was a phosphorylated synthetic peptide, which represented a portion of human Structural Maintenance of Chromosomes 3 (GeneID 9126) around serine 383 according to the numbering given in entry NP_005436.1.

Immunoglobulin 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 Not recommended

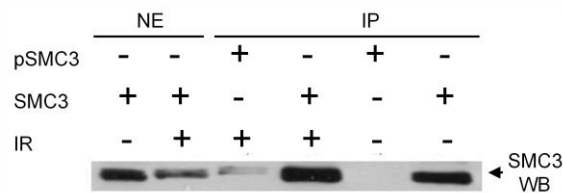
Immunoprecipitation 2 – 6 µg/mg lysate

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 (link to IP-western blot protocol in Additional Info section below).

ADDITIONAL INFO <https://www.bethyl.com/product/A300-061A>

Use the link above to view SDS, a current list of citations, and other product specific information.
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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 21, 2019

**immunoprecipitation of human Phospho SMC3 (Ser383).**

Samples: Nuclear extracts (50 µg) from HeLa cells that were irradiated with 10 Gy of ionizing radiation or mock irradiated. **Antibodies:** Rabbit anti-SMC3 pSer383 A300-061A was used at 4 µg/mg lysate to IP phospho SMC3 (Ser383). Rabbit anti-SMC3 A300-060A was used at 4 µg/mg lysate for IP and at 0.5 µg/ml for WB. **Detection:** Chemiluminescence.