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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MCAK Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_006836.1

Catalog No. A300-806A-T

GeneID 11004

Lot No. A300-806A-T-1



APPLICATIONS	IP, IHC
SPECIES REACTIVITY	Human
AMOUNT	10 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 MCAK immobilized on solid support. The epitope recognized by A300-806A-T maps to a region between residue 50 and 100 of human Mitotic Centromere-Associated Kinesin using the numbering given in entry NP_006836.1 (GeneID 11004).

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. Use rabbit anti-MCAK antibody A300-807A or A300-808A.

Immunoprecipitation 2 - 5 µg/mg lysate

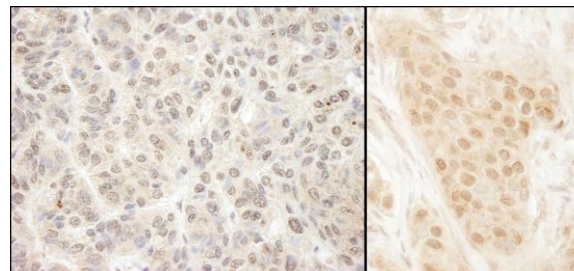
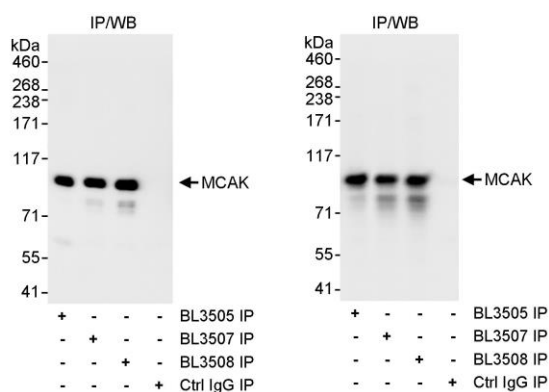
Immunohistochemistry 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 or Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.

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/A300-806A-T>

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



Detection of human MCAK by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibody:* Affinity purified rabbit anti-MCAK antibodies BL3505 (Cat. No. A300-806A-T), BL3507 (Cat. No. A300-807A), and BL3508 (Cat. No. A300-808A) used for IP at 3 µg/mg lysate. For blotting immunoprecipitated MCAK, BL3507 (left panel) and BL3508 (right panel) were used at 1 µg/ml. *Detection:* Chemiluminescence with exposure times of 10 seconds (left) and 1 second (right).

Detection of human MCAK by immunohistochemistry. *Samples:* FFPE section of human skin carcinoma (left) and breast carcinoma (right). *Antibody:* Affinity purified rabbit anti-MCAK (Cat. No. A300-806A-T Lot1) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB.