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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_608301.2

Catalog No. A300-921A-T

GeneID 73804

Lot No. A300-921A-T-1

APPLICATIONS WB, IP, IHC

SPECIES REACTIVITY Mouse

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Rat

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 A300-921A-T maps to a region between residue 50 and 100 of mouse Mitotic Centromere-Associated Kinesin using the numbering given in entry NP_608301.2 (GeneID 73804).

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 1:2,000 – 1:10,000

Immunoprecipitation 2 – 5 µg/mg lysate. A300-921A is less efficient at IP than is A300-922A.

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

ADDITIONAL INFO <https://www.bethyl.com/product/A300-921A-T>

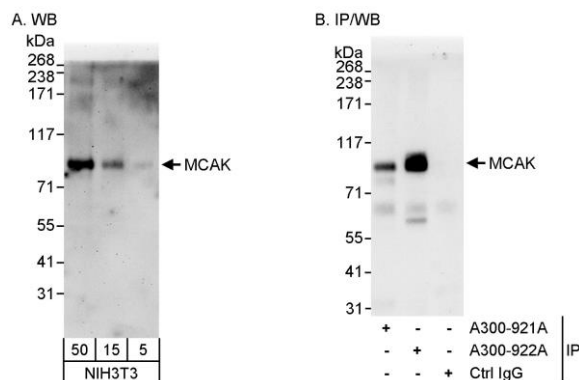
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

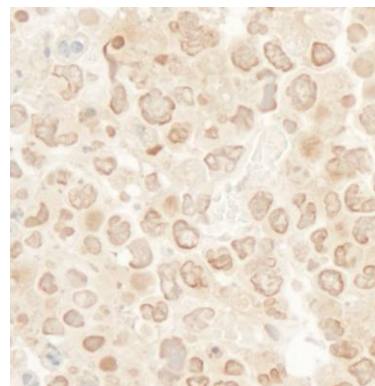
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

Date: June 6, 2022



Detection of mouse MCAK by western blot and immunoprecipitation. *Samples:* Whole cell lysate (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) from NIH 3T3 cells. *Antibodies:* Affinity purified rabbit anti-MCAK antibody A300-921A used for WB at 0.1 µg/ml (A) and 1.0 µg/ml (B) and used for IP at 3 µg/mg lysate (B). MCAK was also immunoprecipitated by rabbit anti-MCAK antibody A300-922A, which recognizes a downstream epitope. *Detection:* Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).



Detection of mouse MCAK by immunohistochemistry. *Sample:* FFPE section of mouse hybridoma tumor. *Antibody:* Affinity purified rabbit anti-MCAK (Cat. No. A300-921A Lot1) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB