MCAK Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A300-922A

Lot No. A300-922A-1

Protein ID NP_608301.2

GeneID 73804

APPLICATIONS	IP
SPECIES REACTIVITY	Mouse
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 MCAK immobilized on solid support. The epitope recognized by A300-922A maps to a region between residue 550 and 600 of mouse Mitotic Centromere-Associated Kinesin using the numbering given in entry NP_608301.2 (GeneID 73804). 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 A300-921A.
Immunoprecipitation	2 - 5 µg/mg lysate. A300-921A is less efficient at IP than is A300-922A.

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

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 Date: June 21, 2019

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