



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### 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

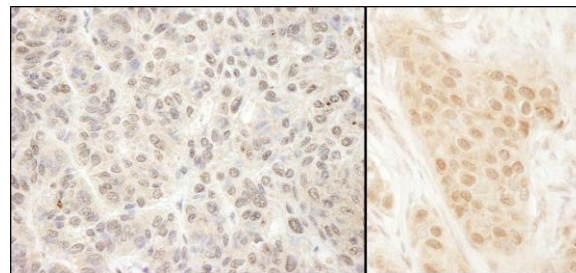
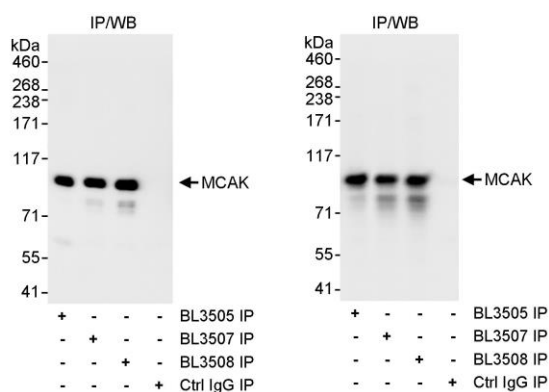
GeneID 11004

Lot No. A300-806A-1



<b>APPLICATIONS</b>	IP, IHC
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	100 µl
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	<p>Antibody was affinity purified using an epitope specific to MCAK immobilized on solid support.</p> <p>The epitope recognized by A300-806A 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).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
<b>APPLICATIONS</b>	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Western Blot Not recommended. Use rabbit anti-MCAK antibody A300-807A or A300-808A.</p> <p>Immunoprecipitation 2 – 5 µg/mg lysate</p> <p>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.</p>
<b>APPLICATION NOTES</b>	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).
<b>IHC HUMAN CONTROLS</b>	Breast Carcinoma, Colon Carcinoma, Skin Basal Cell Carcinoma, Testicular Seminoma
<b>ADDITIONAL INFO</b>	<p><a href="https://www.bethyl.com/product/A300-806A">https://www.bethyl.com/product/A300-806A</a></p> <p>Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: <a href="https://www.bethyl.com/content/protocol_IP_WB">https://www.bethyl.com/content/protocol_IP_WB</a></p>

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. *Antibodies:* Affinity purified rabbit anti-MCAK antibodies BL3505 (Cat. No. A300-806A), BL3507 (Cat. No. A300-807A), and BL3508 (Cat. No. A300-808A) used for IP at 3  $\mu\text{g}/\text{mg}$  lysate. For blotting immunoprecipitated MCAK, BL3507 (left panel) and BL3508 (right panel) were used at 1  $\mu\text{g}/\text{ml}$ . *Detection:* Chemiluminescence with exposure times of 10 seconds (left) and 1 second (right).

**Detection of human MCAK by immunohistochemistry.** *Sample:* FFPE section of human skin carcinoma (left) and breast carcinoma (right). *Antibody:* Affinity purified rabbit anti-MCAK (Cat. No. A300-806A Lot1) used at a dilution of 1:1,000 (1  $\mu\text{g}/\text{ml}$ ). *Detection:* DAB