



# 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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# MST1 /STK4 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID Q13043

Catalog No. A300-465A

GeneID 6789

Lot No. A300-465A-1



<b>APPLICATIONS</b>	WB, IP
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Monkey
<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>	Antibody was affinity purified using an epitope specific to MST1 /STK4 immobilized on solid support.

The epitope recognized by A300-465A maps to a region between residues 375 and 425 of human Mammalian Sterile 20-like 1 (Serine/Threonine Kinase 4) using the numbering given in Swiss Prot entry Q13043 (GeneID 6789).

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 1:500 - 1:2,500

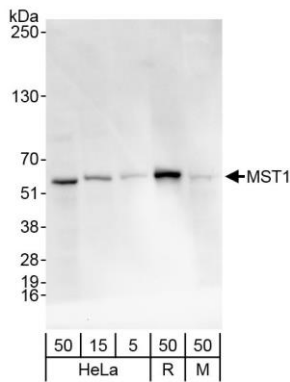
Immunoprecipitation 2 - 5 µg/mg lysate

**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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

**ADDITIONAL INFO** <https://www.bethyl.com/product/A300-465A>  
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](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: October 16, 2019

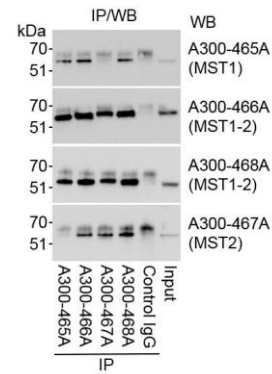


#### Detection of human and mouse MST1 by western blot.

*Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg), Ramos (R, 50 µg) and mouse NIH 3T3 (M, 50 µg) cells.

*Antibodies:* Affinity purified rabbit anti-MST1 antibody A300-465A (lot A300-465A-1) used for WB at 1 µg/ml.

*Detection:* Chemiluminescence with exposure time of 30 seconds.



#### Detection of MST1 and MST2 by western blot of immunoprecipitates.

*Samples:* Whole cell lysate (1 mg/IP reaction; 1/4 of reaction loaded/gel) from HeLa cells.

*Antibodies:* Affinity purified rabbit anti-MST1 antibody A300-465A (lot A300-465A-1) used for IP at 3 µg/mg lysate.

MST1 and MST2 were simultaneously immunoprecipitated using MST1-2 antibodies A300-466A and A300-468A. MST2 was immunoprecipitated using MST2 antibody A300-467A. *Detection:* Chemiluminescence with exposure time of 3 seconds. A300-465A is specific for MST1 and A300-467A is specific for MST2 as determined by reciprocal IP/WB.