

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

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MST1-2/STK3-4 Antibody





Rabbit Polyclonal

Antigen Affinity Purified Protein ID Q13043 Catalog No. A300-466A-T GeneID 6789

Lot No. A300-466A-T-1

APPLICATIONS WB, IP, IHC

SPECIES REACTIVITY Human, Mouse

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

Monkey

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 Antibody was affinity purified using an epitope specific to MST1 and MST2 immobilized on

PROCEDURES solid support.

The epitope recognized by A300-466A-T maps to the C-terminus of human Mammalian Sterile 20-like 1 (Serine/Threonine Kinase 4) using the numbering given in Swiss Prot entry Q13043 (GeneID 6789). The epitope is highly conserved with MST2/STK3. Consequently,

A300-466A-T also recognizes this homolog.

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 1:5,000 - 1:15,000

Immunoprecipitation $2 - 5 \mu g/mg$ lysate

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/A300-466A-T

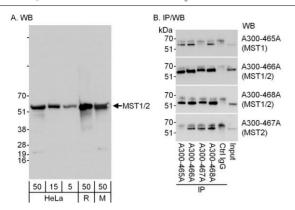
Use the link above to view SDS, a current list of citations, and other product specific information.

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

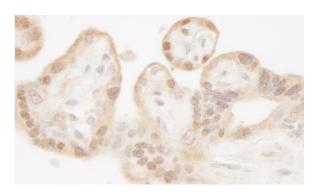
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

Date: June 6, 2022



Detection of MST1 and MST2 by western blot and immunoprecipitation. Samples: A) Whole cell lysate from HeLa (5, 15 and 50 μg), Ramos (R, 50 μg) and mouse NIH 3T3 (M, 50 μg) cells. B) Whole cell lysate (1 mg/IP reaction; 1/4 of reaction loaded/gel) from HeLa cells. Antibodies: Affinity purified rabbit anti-MST1/2 antibody A300-466A used at 0.1 μg/ml for WB (A and B) and 3 μg/mg lysate for IP (B). MST1 was immunoprecipitated using MST1 antibody A300-465A. MST2 was immunoprecipitated using MST2 antibody A300-467A. MST1 and MST2 were simultaneously immunoprecipitated using MST1/2 antibodies A300-466A and A300-468A. Detection: Chemiluminescence with an exposure times of 3 seconds (A and B). A300-466A recognized MST1 in IP from A300-465A and MST2 in IP from A300-467A.



Detection of human MST1 and MST2 by immunohistochemistry. Sample: FFPE section of human placenta. Antibody: Affinity purified rabbit anti-MST1/2 (Cat. No. A300-466A Lot1) used at a dilution of 1:1,000 (1 µg/ml). Detection: DAB