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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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mTOR Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_004949.1

Catalog No. A300-503A-T

GeneID 2475

Lot No. A300-503A-T-9

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse and 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 mTOR immobilized on solid support.

The epitope recognized by A300-503A-T maps to a region between residue 200 and 250 of human Mammalian Target of Rapamycin using the numbering given in entry NP_004949.1 (GeneID 2475).

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

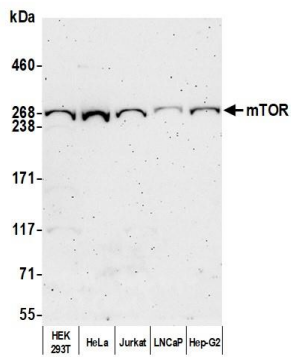
Immunoprecipitation 2 - 10 µg/mg lysate

ADDITIONAL INFO <https://www.bethyl.com/product/A300-503A-T>

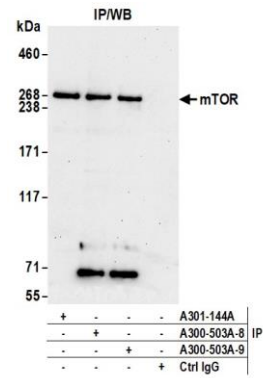
Use the link above to view SDS, a current list of citations, and other product specific information.

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 13, 2022



Detection of human mTOR by western blot. *Samples:* Whole cell lysate (50 µg) from HEK293T, HeLa, Jurkat, LNCaP, and Hep-G2 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-mTOR antibody (A300-503A lot 9) used for WB at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human mTOR by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-mTOR antibody (A300-503A lot 9) used for IP at 6 µg per reaction. mTOR was also immunoprecipitated by a previous lot of this antibody (A300-503A lot 8) and a second antibody against a different epitope of mTOR (A301-144A). For blotting immunoprecipitated mTOR, A300-503A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.