mTOR Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No.	A300-503A-T	RefSeq ID	NP_004949.1
Lot No.	11	Uniprot ID	P42345
		GeneID	2475

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). Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.
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	1:1000 - 1:2000
Immunoprecipitation	6 µg/mg lysate

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.

Michael Spencer, PhD — Date: January 27, 2025

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