

MARK3 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID EAW81819.1

Catalog No. A302-186A

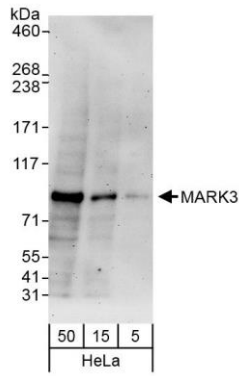
GeneID 4140

Lot No. A302-186A-1

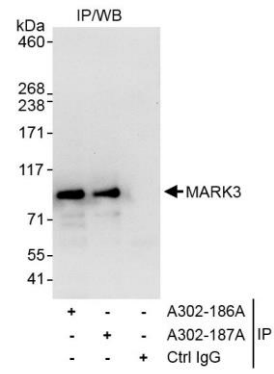


APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
AMOUNT	100 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	<p>Antibody was affinity purified using an epitope specific to MARK3 immobilized on solid support.</p> <p>The epitope recognized by A302-186A maps to a region between residue 525 and 575 of human MAP/microtubule affinity-regulating kinase 3 using the numbering given in entry EAW81819.1 (GeneID 4140).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
APPLICATIONS	<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 1:2,000 – 1:10,000</p> <p>Immunoprecipitation 2 – 5 µg/mg lysate</p>
APPLICATION NOTES	<p>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).</p> <p>Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. https://www.bethyl.com/product/A302-186A</p>
ADDITIONAL INFO	<p>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</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: November 12, 2019



Detection of human MARK3 by western blot. *Samples:* Whole cell lysate (5, 15, and 50 µg) from HeLa cells. *Antibody:* Affinity purified rabbit anti-MARK3 antibody A302-186A (lot A302-186A-1) used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human MARK3 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-MARK3 antibody A302-186A (lot A302-186A-1) used for IP at 3 µg/mg lysate. MARK3 was also immunoprecipitated by rabbit anti-MARK3 antibody A302-187A, which recognizes a downstream epitope. For blotting immunoprecipitated MARK3, A302-186A was used at 1.0 µg/ml. *Detection:* Chemiluminescence with exposure time of 10 seconds.