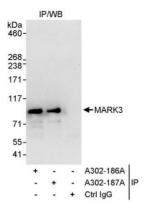
MARK3 Antibody

Rabbit Polyclonal					
Antigen Affinity Purified			Protein ID	EAW81819.1	
Catalog No. A302-187A		187A	GenelD	4140	DETUVI
Lot No.	A302-	187A-1	LABORATORIES, INC		
APPLICATIONS		IP			
SPECIES REACTIVITY		Human			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse and Rat			
AMOUNT		100 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 MARK3 immobilized on solid support.			
PROCEDURES		The epitope recognized by A302-187A maps to a region between residue 575 and 625 of human MAP/microtubule affinity-regulating kinase 3 using the numbering given in entry EAW81819.1 (GeneID 4140).			
		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	No	t recommended. Use rabbit anti-MARK	3 antibody A302-186A.
		Immunoprecipit	tation 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 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).			
ADDITIONAL INFO		https://www.bethyl.com/product/A302–187A			
				DS, a current list of citations, and other ps://www.bethyl.com/content/protocol	

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: June 21, 2019

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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 A302-187A used for IP at 3 μ g/mg lysate. MARK3 was also immunoprecipitated by rabbit anti-MARK3 antibody A302-186A, which recognizes an upstream epitope. For blotting immunoprecipitated MARK3, A302-186A was used at 1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.