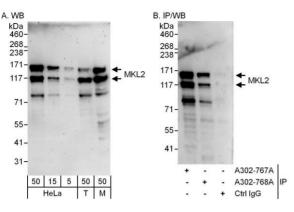
MKL2 Antibody

5		Protein ID GenelD	NP_054767.3 57496	BETHYL LABORATORIES, INC	
APPLICATIONS	WB, IP, IHC				
SPECIES REACTIVITY Human, Mous					
AMOUNT	100 µl				
CONCENTRATION	200 µg/ml	200 μg/ml			
STORAGE/SHELF LIFE	2 – 8° C / 1 year f	2 - 8° C / 1 year from date of receipt			
PHYSICAL STATE	Liquid	Liquid			
BUFFER	Tris-buffered Sali	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide			
ISOTYPE	lgG	IgG			
ORIGIN	USA	USA			
PRODUCTION PROCEDURES	 Antibody was affinity purified using an epitope specific to MKL2 immobilized on solid support. The epitope recognized by A302-768A maps to a region between residue 1038 and 1088 of human Megakaryoblastic Leukemia 2 using the numbering given in entry NP_054767.3 (GeneID 57496). Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. 				
APPLICATIONS	Centrifuge tube to	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			
	Immunoprecipita	ation 2 -	5 µg/mg lysate		
	Immunohistoche	mistry 1:2	00 – 1:1,000. Epitope retrieval with citrate ommended for FFPE tissue sections.	e buffer pH 6.0 is	
APPLICATION NOTES	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).				
IHC HUMAN CONTROL	Western blot of lysates performed using standard western blot reagents and 4–8% SDS-PAGE. Linitis Plastica Stomach Cancer, Non-Small Cell Lung Cancer, Prostate Carcinoma				
ADDITIONAL INFO	Use the link above	https://www.bethyl.com/product/A302-768A 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			

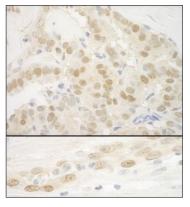
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

Bethyl Laboratories, Inc. • 25043 West FM 1097 • Montgomery, TX 77356 • 800.338.9579 • 936.597.6111 • 866.597.6105 (FAX) • www.bethyl.com • technical@bethyl.com

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.



Detection of human and mouse MKL2 by western blot (h&m) and immunoprecipitation (h). *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg), and mouse NIH 3T3 (M; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-MKL2 antibody A302-768A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. MKL2 was also immunoprecipitated by rabbit anti-MKL2 antibody A302-767A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 10 seconds (A and B).



Detection of human MKL2 by immunohistochemistry. *Sample:* FFPE section of human prostate carcinoma and linitis plastica stomach cancer. *Antibody:* Affinity purified rabbit anti-MKL2 (Cat. No. A302-768A Lot1) used at a dilution of 1:200 (1µg/ml) and 1:1,000 (0.2µg/ml). *Detection:* DAB