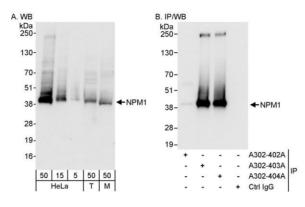
NPM1 Antibody

Rabbit Polyclonal Antigen Affinity Purified		ed	Protein ID	NP_002511.1		
Catalog No. A302–402A		GenelD	4869	i i	DETLIVI	
Lot No. A302-402		402A-1				
APPLICATIONS		WB				annen an berge is to have begen the series of the
SPECIES REACTIVITY		Human, Mouse				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Rat and Bovine				
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		Antibody was affinity purified using an epitope specific to NPM1 immobilized on solid support.				
PROCEDURES		The epitope recognized by A302-402A maps to a region between residue 100 and 150 of human nucleophosmin using the numbering given in entry NP_002511.1 (GeneID 4869).				
		Antibody 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	1:2	2,000 - 1:10,000		
		Immunoprecipit		ot recommended. Use rabbit 802–404A.	anti-NPM1 antiboo	ly A302–403A or
APPLICATION NOTES		Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.				
IHC HUMAN CONTROLS		Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma				
IHC MOUSE CONTROLS		Renal Cell Carcinoma, Teratoma				
ADDITIONAL INFO		https://www.bethyl.com/product/A302-402A Use the link above to view SDS, a current list of citations, and other product specific information.				

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 and mouse NPM1 by western blot (h & m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 μ g), and mouse NIH 3T3 (M; 50 μ g) cells. Antibodies: Affinity purified rabbit anti–NPM1 antibody A302–402A used for WB at 0.04 μ g/ml (A) and 0.1 μ g/ml (B) and used for IP at 10 μ g/mg lysate. NPM1 was successfully immunoprecipitated by rabbit anti–NPM1 antibodies A302–403A and A302–404A, which recognize downstream epitopes. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 3 seconds (B).

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