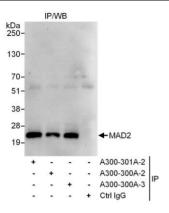
## MAD2 Antibody

Rabbit Polyclonal					
Antigen Affinity Purified			Protein ID	Q13257	
Catalog No. A300–300A		300A (	GenelD	4085	RETHVI
Lot No.	A300-300A-3				LABORATORIES, INC
APPLICATIONS		IP, IHC			
SPECIES REACTIVITY		Human			
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 PROCEDURES		Antibody was affinity purified using an epitope specific to MAD2 immobilized on solid support.			
PROCEDURES		The epitope recognized by A300–300A maps to a region between residues 100 and 150 of human Mitotic Arrest Deficient 2 using the numbering given in SwissProt entry Q13257 (GeneID 4085).			
		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	Not	t recommended. Use rabbit anti-MAD	2 antibody A300-301A.
		Immunoprecipita	ation 2 –	4 µg/mg lysate	
		Immunohistoche	,	,000 – 1:5,000. Epitope retrieval with ommended for FFPE tissue sections.	n Tris-EDTA pH 9.0 is
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 4–20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).			
IHC HUMAN CONTROLS		Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma			
ADDITIONAL INFO		https://www.bethyl.com/product/A300-300A 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			

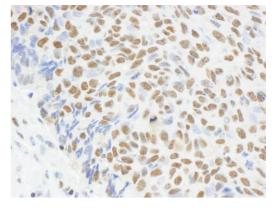
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 24, 2019

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Detection of human MAD2 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–MAD2 antibody A300–300A (lot A300–300A–3) used for IP at 3 µg/mg lysate. MAD2 was also immunoprecipitated by a previous lot (lot A300–300A–2) and by rabbit anti–MAD2 antibody A300–301A (lot A300–301A–2). *Detection:* Chemiluminescence with an exposure time of 30 seconds.



**Detection of human MAD2 by immunohistochemistry.** *Sample:* FFPE section of human lung carcinoma. *Antibody:* Affinity purified rabbit anti- MAD2 (Cat. No. A300-300A Lot3) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB