MAD1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A300-339A

Lot No. A300-339A-1

Protein ID Q9Y6D9

GeneID 8379

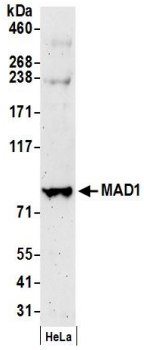
APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to MAD1 immobilized on solid support. The epitope recognized by A300-339A maps to a region between residues 1 and 50 of human Mitotic arrest deficient-like 1 using the numbering given in Swiss-Prot entry Q9Y6D9 (GeneID 8379). 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	1:5,000 - 1:15,000
Immunoprecipitation	1 - 4 µg/mg lysate
Immunohistochemistry	1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

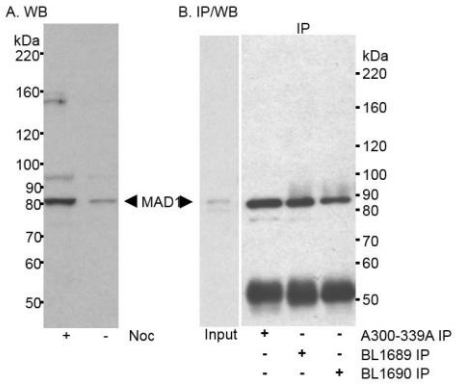
APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.
IHC HUMAN CONTROLS	Breast Carcinoma, Laryngeal Squamous Cell Carcinoma, Prostate Carcinoma
ADDITIONAL INFO	https://www.bethyl.com/product/A300-339A 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.

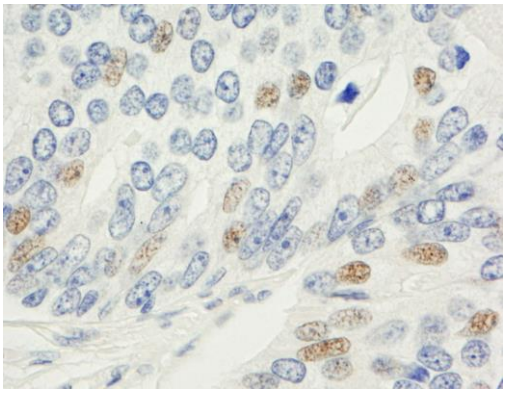
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human MAD1 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-MAD1 antibody A300-339A (lot A300-339A-1) used for WB at 0.06 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human MAD1 by western blot and immunoprecipitation. *Samples:* Whole cell lysate (50 µg/lane in A; 50 µg input in B, 1 mg for IP in B) from HeLa cells. In A, HeLa cells were treated with Nocodazole (+) or mock treated (-). *Antibody:* Affinity purified rabbit anti-MAD1 antibody A300-339A used at 0.1 µg/ml for western blot (A) and at 1 µg/mg lysate for IP (B). MAD1 was also immunoprecipitated using rabbit anti-MAD1 antibodies BL1689 and BL1690 using 1 µg/mg lysate. In B, MAD1 in input and immunoprecipitate was detected using BL1689 at 0.2 µg/ml. *Detection:* Chemiluminescence with exposure times of 10 minutes (A) and 5 minutes (B).



Detection of human MAD1 by immunohistochemistry. *Sample:* FFPE section of human prostate carcinoma. *Antibody:* Affinity purified rabbit anti-MAD1 (Cat. No. A300-339A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB