

# MAD2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID Q13257

Catalog No. A300-300A

GeneID 4085

Lot No. A300-300A-3



|                              |  |
|------------------------------|--|
| <b>APPLICATIONS</b>          | IP, IHC  |
| <b>SPECIES REACTIVITY</b>    | Human  |
| <b>AMOUNT</b>                | 100 µl   |
| <b>CONCENTRATION</b>         | 1000 µg/ml   |
| <b>STORAGE/SHELF LIFE</b>    | 2 - 8° C / 1 year from date of receipt   |
| <b>PHYSICAL STATE</b>        | Liquid   |
| <b>BUFFER</b>                | Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide                         |
| <b>ISOTYPE</b>               | IgG  |
| <b>ORIGIN</b>                | USA  |
| <b>PRODUCTION PROCEDURES</b> | Antibody was affinity purified using an epitope specific to MAD2 immobilized on solid support. |

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 recommended. Use rabbit anti-MAD2 antibody A300-301A.

Immunoprecipitation 2 - 4 µg/mg lysate

Immunohistochemistry 1:1,000 - 1:5,000. Epitope retrieval with Tris-EDTA pH 9.0 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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

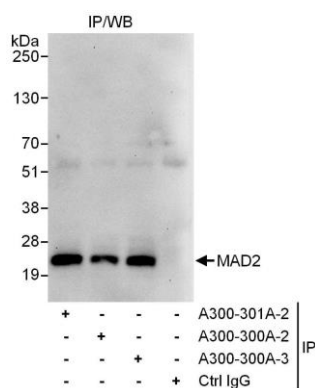
**IHC HUMAN CONTROLS** Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma

**ADDITIONAL INFO** <https://www.bethyl.com/product/A300-300A>

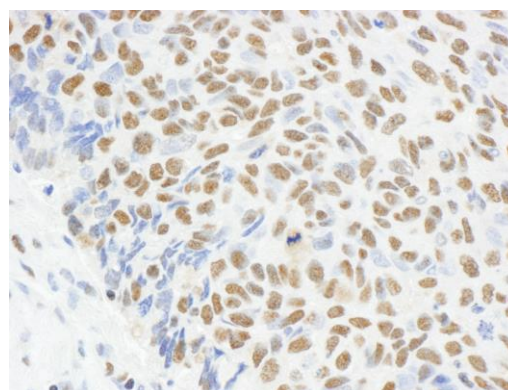
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: [https://www.bethyl.com/content/protocol\\_IP\\_WB](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



**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 (1 µg/ml). *Detection:* DAB