

Datasheet for 600-401-470**MAD2L2 Antibody****Overview**

Description:	Anti-MAD2L2 (RABBIT) Antibody - 600-401-470
Item No.:	600-401-470
Size:	100 µg
Applications:	ELISA, IHC, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	MAD2L2 is also known as MAD2B, REV7 and mitotic arrest deficient-like 2 protein. MAD2L2 is a component of the mitotic spindle assembly checkpoint that prevents the onset of anaphase until all chromosomes are properly aligned at the metaphase plate. MAD2L2 is a homolog of MAD2L1.
Synonyms:	rabbit anti-MAD2L2 antibody, MAD2B, REV7, hREV7, REV homolog, MAD2-like protein 2, Mitotic arrest deficient 2-like protein 2, Mitotic spindle assembly checkpoint protein MAD2B
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	MAD2L2
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an N-terminus region of Human MAD2L2.
Purity/Specificity:	This is an affinity purified antibody produced by immunoaffinity chromatography using the immunizing peptide after immobilization to a solid phase.

Relevant Links:

- [NCBI - 187960072](#)
- [UniProtKB - Q9UI95](#)
- [GeneID - 187960072](#)

Application Details

Tested Applications:	ELISA, IHC, WB
Application Note:	This affinity purified antibody has been tested for use in ELISA, immunohistochemistry and western blot. For western blotting HeLa whole cell lysates and nuclear extracts are suggested. Reactivity in other immunoassays is unknown. Antibody activity can be blocked using a control peptide (000-001-470).
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:7,500 - 1:30,000
IHC:	1:500 - 1:2,000
WB:	1:500 - 1:2,000

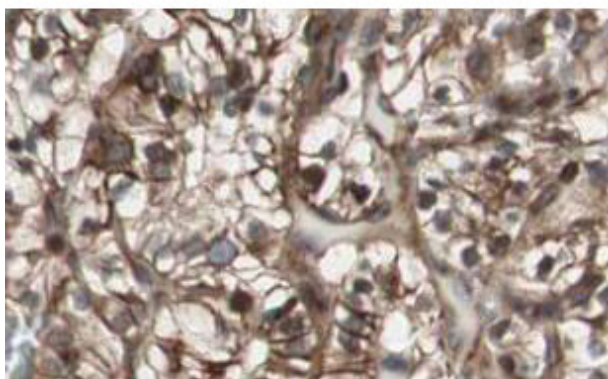
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	0.68 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

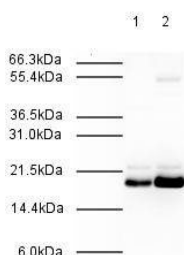
Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Immunohistochemistry

Rockland's Affinity Purified anti-MAD2L2 antibody shows strong nuclear and cytoplasmic staining of tumor cells in cancerous human kidney tissue. Tissue was formalin-fixed and paraffin embedded. Brown color indicates presence of protein, blue color shows cell nuclei. Personal Communication, Kenneth Wester, www.proteinatlas.org, Uppsala, Sweden.



Western Blot

Affinity Purified Rabbit anti-MAD2L2 was used at a 1:500 dilution to detect human MAD2L2 by western blot. Lane 1: HeLa whole cell lysate (p/n W09-000-364) and nuclear lysate (p/n W09-001-367) were probed using this antibody. This antibody clearly detects a ~20 kDa band corresponding to human MAD2L2 (predicted molecular weight is 24 kDa). Approximately 20 µg of each lysate was loaded on a 10% SDS-PAGE. Primary antibody was reacted with the membrane at room temperature for 1 h. After subsequent washing, a 1:2,000 dilution of HRP conjugated Gt-a-Rabbit IgG was used for visualization. Exposure time was 30 sec.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.