



[Go to Product page](#)

Datasheet for ABIN129510  
**anti-MAD2L1 antibody**

1 Image

### Overview

Quantity:	100 µg
Target:	MAD2L1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MAD2L1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Fluorescence Microscopy (FM)

### Product Details

Immunogen:	This protein A purified monoclonal antibody was produced by repeated immunizations with full-length recombinant human MAD2L1 protein. Immunogenotype:Recombinant
Clone:	17D10
Isotype:	IgG
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

### Target Details

Target:	MAD2L1
Alternative Name:	MAD2L1 ( <a href="#">MAD2L1 Products</a> )
Background:	MAD2L1 (also called mitotic spindle assembly checkpoint protein, MAD2A, MAD2-like 1 and HsMAD2) is a component of the mitotic spindle assembly checkpoint monitors the process of

## Target Details

---

kinetochore-spindle attachment and delays the onset of anaphase when this process is not complete. MAD2L1 inhibits the activity of the anaphase-promoting complex by sequestering CDC20 until all chromosomes are aligned at the metaphase plate. MAD2L1 is related to the MAD2L2 gene located on chromosome 1. This protein has a nuclear localization. A MAD2 pseudogene has been mapped to chromosome 14

Synonyms: Mitotic arrest deficient yeast homolog like 1 antibody, Mitotic spindle assembly checkpoint protein antibody

---

Gene ID: 4085, 4505067

---

UniProt: [Q13257](#)

## Application Details

---

Application Notes: This protein A purified antibody has been tested for use in immunoprecipitation and by western blot. This antibody is not applicable for immunofluorescence microscopy. Specific conditions for reactivity should be optimized by the end user. Expect a predominant band at ~ 24 kDa corresponding to full-length protein by western blotting in the appropriate cell lysate or extract.

---

Restrictions: For Research Use only

## Handling

---

Format: Liquid

---

Concentration: 1.0 mg/mL

---

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

---

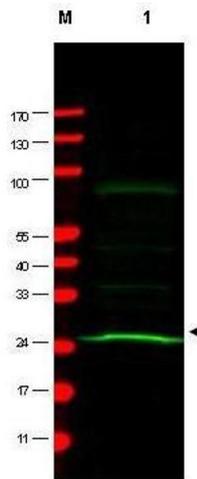
Preservative: Sodium azide

---

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

---

Storage: -20 °C



### Western Blotting

**Image 1.** Western blot using Mab anti-MAD2L1 antibody shows detection of a band at ~24 kDa (arrowhead) corresponding to MAD2L1 present in a HeLa whole cell lysate (lane 1). Approximately 75  $\mu$ g of lysate was separated by 4-20% TG SDS-PAGE. After blocking, the membrane was probed overnight at 4°C with the primary antibody diluted to 1:200. The membrane was washed and reacted with a 1:5,000 dilution of 800 conjugated Sh-a-Mouse IgG [H&L] for 45 min at room temperature (800 nm channel, green). Molecular weight estimation was made by comparison to prestained MW markers in lane M (700 nm channel, red). 800 fluorescence image was captured using the Infrared Imaging System developed by LI-COR. IRDye is a trademark of LI-COR, Inc. Other detection systems will yield similar results.