

ARG63500 anti-MAD2L1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes MAD2L1
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	MAD2L1
Species	Human
Immunogen	C-KVNSMVAYKIPVND
Conjugation	Un-conjugated
Alternate Names	Mitotic spindle assembly checkpoint protein MAD2A; Mitotic arrest deficient 2-like protein 1; MAD2-like protein 1; MAD2; HsMAD2; HSMAD2

Application Instructions

Application table	Application	Dilution
	WB	2 - 4 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 4085 Human](#)

[Swiss-port # Q13257 Human](#)

Background

MAD2L1 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. MAD2L1 is related to the MAD2L2 gene located on chromosome 1. A MAD2 pseudogene has been mapped to chromosome 14. [provided by RefSeq, Jul 2008]

Research Area

Cancer antibody; Cell Biology and Cellular Response antibody; Controls and Markers antibody

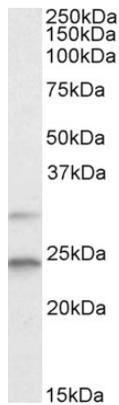
Calculated Mw

24 kDa

PTM

Phosphorylated on multiple serine residues. The level of phosphorylation varies during the cell cycle and is highest during mitosis. Phosphorylation abolishes interaction with MAD1L1 and reduces interaction with CDC20. Phosphorylated by NEK2.

Images



ARG63500 anti-MAD2L1 antibody WB image

Western Blot: HEK293 lysate (35 µg protein in RIPA buffer) stained with ARG63500 anti-MAD2L1 antibody at 2 µg/ml dilution.