10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MAD2L1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant MAD2L1.
Catalog # AT2758a

Product Information

Application	WB, E
Primary Accession	Q13257
Other Accession	BC000356
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b kappa
Clone Names	2E2-1D6
Calculated MW	23510

Additional Information

Gene ID	4085
Other Names	Mitotic spindle assembly checkpoint protein MAD2A, HsMAD2, Mitotic arrest deficient 2-like protein 1, MAD2-like protein 1, MAD2L1, MAD2
Target/Specificity	MAD2L1 (AAH00356, 1 a.a. ~ 205 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	MAD2L1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

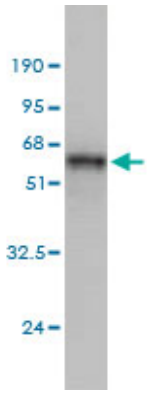
Background

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.

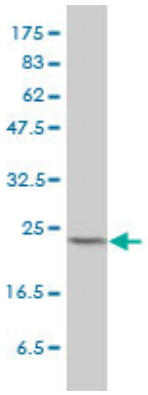
References

1.RED, a spindle pole-associated protein, is required for kinetochore localization of MAD1, mitotic progression, and activation of the spindle assembly checkpoint.Yeh PC, Yeh CC, Chen YC, Juang YL.J Biol Chem. 2012 Apr 6;287(15):11704-16. Epub 2012 Feb 18.

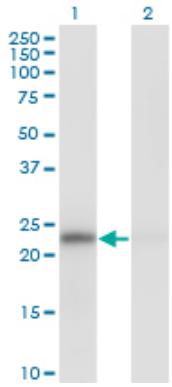
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (48.29 KDa) .

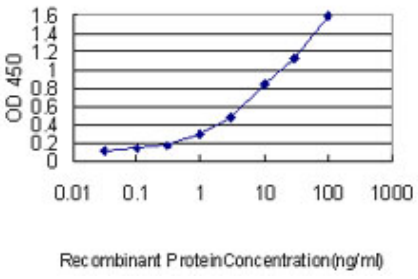


MAD2L1 monoclonal antibody (M01), clone 2E2-1D6 Western Blot analysis of MAD2L1 expression in HeLa ((Cat # AT2758a)



Western Blot analysis of MAD2L1 expression in transfected 293T cell line by MAD2L1 monoclonal antibody (M01), clone 2E2-1D6.

Lane 1: MAD2L1 transfected lysate(23.5 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged MAD2L1 is approximately 0.03ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.