

MAD1L1 monoclonal antibody, clone 9B10

Catalog # MAB1930

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant.
Immunogen	Recombinant protein corresponding to full length human MAD1L1.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG2b
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	Western Blot (1:200-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM KH ₂ PO ₄ , 150 mM NaCl, pH 7.2 (0.01% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunoprecipitation
- Enzyme-linked Immunoabsorbent Assay

Gene Info — MAD1L1

Entrez GeneID	8379
Protein Accession#	Q9Y6D9:NP_001013859
Gene Name	MAD1L1
Gene Alias	HsMAD1, MAD1, PIG9, TP53I9, TXBP181
Gene Description	MAD1 mitotic arrest deficient-like 1 (yeast)
Omim ID	176807 602686
Gene Ontology	Hyperlink
Gene Summary	MAD1L1 is a component of the mitotic spindle-assembly checkpoint that prevents the onset of an anaphase until all chromosome are properly aligned at the metaphase plate. MAD1L1 functions as a homodimer and interacts with MAD2L1. MAD1L1 may play a role in cell cycle control and tumor suppression. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq
Other Designations	MAD1 (mitotic arrest deficient, yeast, homolog)-like 1 MAD1-like 1 protein mitotic-arrest deficient 1, yeast, homolog-like 1 tumor protein p53 inducible protein 9

Publication Reference

- [Kinetochore structure and function.](#)

Chan GK, Liu ST, Yen TJ.

Trends in Cell Biology 2005 Nov; 15(11):589.

Application: IF, WB, Human, Human mammalian cells

- [Centromere-associated protein-E is essential for the mammalian mitotic checkpoint to prevent aneuploidy due to single chromosome loss.](#)

Weaver BA, Bonday ZQ, Putkey FR, Kops GJ, Silk AD, Cleveland DW.

The Journal of Cell Biology 2003 Aug; 162(4):551.

Application: IF, Mouse, MEFs

- [Mitotic checkpoint proteins HsMAD1 and HsMAD2 are associated with nuclear pore complexes in interphase.](#)

Campbell MS, Chan GK, Yen TJ.

Journal of Cell Science 2001 Mar; 114(Pt 5):953.

Application: EM, IF, IP, WB-Ce, Human, HeLa cells

Pathway

- [Cell cycle](#)

Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Narcolepsy](#)
- [Neoplasm Recurrence](#)
- [Tobacco Use Disorder](#)