Product Name: **KD-Validated Mitotic Arrest Deficient 1 Like 1 Recombinant Rabbit Monoclonal Antibody**
Catalog #: **KVAb01376**
For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 83.1kDa

Antigen Information

Gene Name	MAD1L1
Alternative Names	MAD1L1; Mitotic Arrest Deficient 1 Like 1; TXBP181; MAD1; HsMAD1; TP53I9; PIG9; Mitotic Spindle Assembly Checkpoint Protein MAD1; Mitotic Arrest Deficient 1-Like Protein 1; Mitotic Checkpoint MAD1 Protein Homolog; MAD1 Mitotic Arrest Deficient Like 1; Tax-Binding Protein 181; MAD1-Like Protein 1; MAD1 (Mitotic Arrest Deficient, Yeast, Homolog)-Like 1; Mitotic-Arrest Deficient 1, Yeast, Homolog-Like 1; MAD1 Mitotic Arrest Deficient-Like 1 (Yeast); Tumor Protein P53 Inducible Protein 9; HMAD1; MVA7
Gene ID	8379.0
SwissProt ID	Q9Y6D9
Immunogen	A synthesized peptide derived from human MAD1

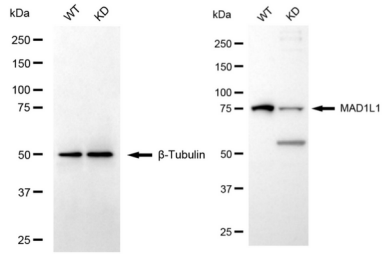
Background

MAD1L1 is a component of the mitotic spindle-assembly checkpoint that prevents the onset of 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]

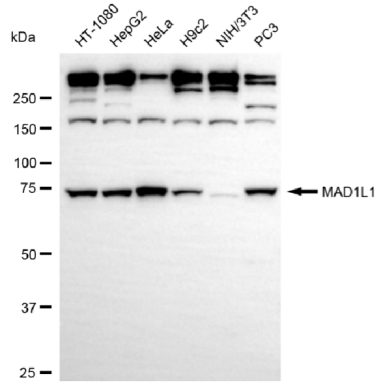
Research Area

Cell Biology,Epigenetics and Nuclear Signaling

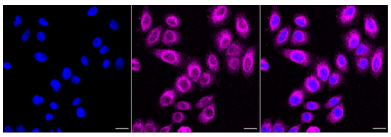
Image Data



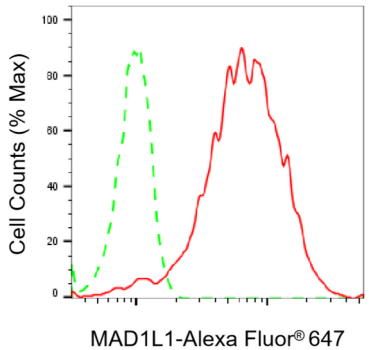
Western blotting analysis using MAD1L1 antibody (KVAb01376). MAD1L1 expression in wild-type (WT) and MAD1L1 knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with MAD1L1 antibody (KVAb01376, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using MAD1L1 antibody (KVAb01376). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with MAD1L1 antibody (KVAb01376, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with MAD1L1 antibody (KVAb01376, 1:1,000). Nuclei were stained blue with DAPI; MAD1L1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Flow cytometric analysis of MAD1L1 expression in HepG2 cells using MAD1L1 antibody (KVAb01376, 1:2,000). Green, isotype control; red, MAD1L1.