

Product Name: KD-Validated Mitotic Arrest Deficient 2 Like 2 Recombinant Rabbit Monoclonal Antibody

Catalog #: KVA00732

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human
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: 24.3kDa

Antigen Information

Gene Name	MAD2L2 MAD2L2; Mitotic Arrest Deficient 2 Like 2; MAD2B; REV7; POLZ2; FANCV; MAD2 (Mitotic Arrest Deficient, Yeast, Homolog)-Like 2; Polymerase (DNA-Directed), Zeta 2, Accessory
Alternative Names	Subunit; Mitotic Spindle Assembly Checkpoint Protein MAD2B; Mitotic Arrest Deficient 2-Like Protein 2; Mitotic Arrest Deficient Homolog-Like 2; MAD2-Like Protein 2; REV7 Homolog; HREV7; MAD2 Mitotic Arrest Deficient-Like 2
Gene ID	10459.0
SwissProt ID	Q9UI95
Immunogen	A synthesized peptide derived from human Mad2L2

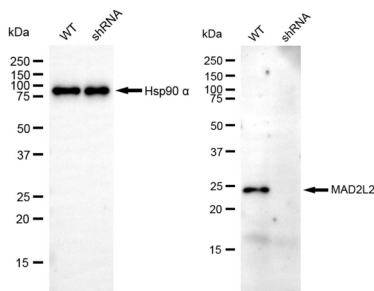
Background

The protein encoded by this gene 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. The encoded protein, which is similar to MAD2L1, is capable of interacting with ADAM9, ADAM15, REV1, and REV3 proteins. [provided by RefSeq, Jul 2008]

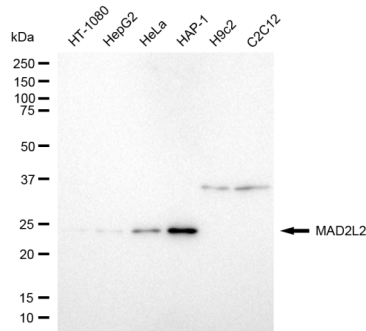
Research Area

Cell Biology,Cancer

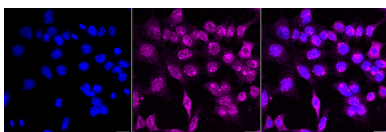
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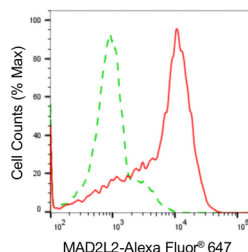
Western blotting analysis using MAD2L2 antibody (KVA00732). MAD2L2 expression in wild-type (WT) and MAD2L2 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with MAD2L2 antibody (KVA00732, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using MAD2L2 antibody (KVA00732). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with MAD2L2 antibody (KVA00732, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively. MAD2L2, mitotic arrest deficient 2 like 2.



Immunocytochemical staining of HAP-1 cells with MAD2L2 antibody (KVA00732, 1:1,000). Nuclei were stained blue with DAPI;MAD2L2 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 MAD2L2 expression in HAP-1 cells using MAD2L2 antibody (KVA00732, 1:2,000). Green, isotype control; red,MAD2L2 .