

For Research Use Only

MAD2L2 Monoclonal antibody, PBS Only



Catalog Number: 67100-1-PBS

Basic Information

Catalog Number:

67100-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG28233

GenBank Accession Number:

BC015244

GeneID (NCBI):

10459

UNIPROT ID:

Q9UI95

Full Name:

MAD2 mitotic arrest deficient-like 2 (yeast)

Calculated MW:

211 aa, 24 kDa

Observed MW:

24 kDa

Purification Method:

Protein A purification

CloneNo.:

2A4C2

Applications

Tested Applications:

Indirect ELISA, IHC, WB

Species Specificity:

rat, mouse, human

Background Information

MAD family, together with BUB and Mps1,Cdc20k, play roles in the mitotic spindle checkpoint. MAD2L2 is one of the MAD family. It can mediate the second polymerase switching in translation DNA synthesis by mediating the interaction between the error-prone DNA polymerase zeta catalytic subunit REV3L and the inserter polymerase REV1. Through regulation of the JNK-mediate phosphorylation and activation of the transcriptional activator ELK1, MAD2L2 involves in cellular response to DNA damage. Also it has role in the progression of cell cycle and peithelial-mesenchymal transdifferentiation.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

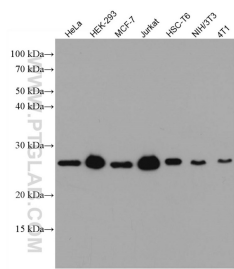
T: 4006900926

E: Proteintech-CN@ptglab.com

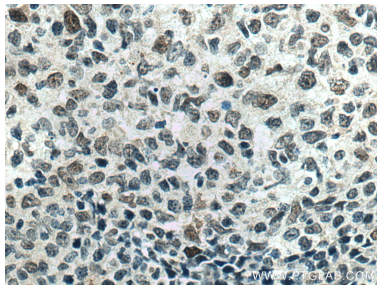
W: ptgcn.com

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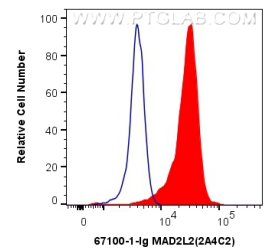
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67100-1-Ig (MAD2L2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67100-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 67100-1-Ig (MAD2L2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67100-1-PBS in a different storage buffer formulation.



1X10⁶ K-562 cells were intracellularly stained with 0.4 ug Anti-Human MAD2L2 (67100-1-Ig, Clone:2A4C2) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2b Isotype Control (MPC-11) (65128-1-Ig, Clone: MPC-11) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 67100-1-PBS in a different storage buffer