

For Research Use Only

CoraLite® Plus 488-conjugated MAD2L2 Monoclonal antibody



Catalog Number:CL488-67100

Basic Information

Catalog Number: CL488-67100	GenBank Accession Number: BC015244	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10459	CloneNo.: 2A4C2
Source: Mouse	Full Name: MAD2 mitotic arrest deficient-like 2 (yeast)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2b	Calculated MW: 211 aa, 24 kDa	
Immunogen Catalog Number: AG28233	Observed MW: 24 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
Human, mouse, rat

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 -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

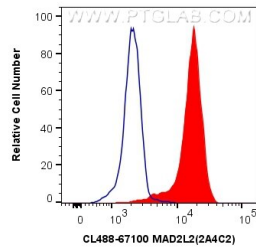
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ K-562 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Anti-Human MAD2L2 (CL488-67100, Clone:2A4C2) (red), or 0.8 ug CoraLite® Plus 488 Mouse IgG2b Isotype Control (MPC-11) (CL488-65128, Clone: MPC-11) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).