MAD2L2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MAD2L2, Polyclonal Antibody
Full Product Name	MAD2L2 (Mitotic Spindle Assembly Checkpoint Protein MAD2B, MAD2-like 2, Mitotic Arrest Deficient 2-like Protein 2, MAD2-like Protein 2, REV7 Hom
Product Gene Name	anti-MAD2L2 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human MAD2L2.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	24,334 Da
Immunogen	Full-length human MAD2L2, aa1-211 (AAH15244.1).
Immunogen Sequence	MTTLTRQDLNFGQVVADVLCEFLEVAVHLILYVREVYPVGIFQKRKKYNVPVQMSCHPELNQYIQDTLHCVKPLLEKNDVEKVVVVILDKEHRPVEKFVFE
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-MAD2L2 antibody	Antibodies; Cell Division Cycle (CDC)
Applications Tested/Suitable for anti-MAD2L2 antibody	Western Blot (WB)
Application Notes for anti-MAD2L2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-MAD2L2 antibody	Adapter protein able to interact with different proteins and involved in different biological processes. Mediates the interaction between the error-prone D synthesis. Translesion DNA synthesis releases the replication blockade of replicative polymerases, stalled in presence of DNA lesions. May also regula ELK1. Inhibits the FZR1-and probably CDC20-mediated activation of the anaphase promoting complex APC thereby regulating progression through the
Other Notes	Small volumes of anti-MAD2L2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece additional dry ice fee may apply.

Searchable Terms for MAD2L2 purchase	MBS6384571 is an antibody targeting MAD2L2. Also known as MAD2L2 (Mitotic Spindle Assembly Checkpoint Protein MAD2B, MAD2-like 2, Mitotic A

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MAD2L2. It may not necessarily be applicable to this product.

NCBI GI #	15929611
NCBI GeneID	10459
NCBI Accession #	BC015244
UniProt Secondary Accession #	Q5TGW7; Q9UNA7; Q9Y6I6; B3KNE3
UniProt Related Accession #	Q9UI95
NCBI Official Full Name	Homo sapiens MAD2 mitotic arrest deficient-like 2 (yeast), mRNA
NCBI Official Synonym Full Names	MAD2 mitotic arrest deficient-like 2 (yeast)
NCBI Official Symbol	MAD2L2
NCBI Official Synonym Symbols	REV7; MAD2B; POLZ2
Protein Family	Mitotic spindle assembly checkpoint protein
NCBI Protein Information	mitotic spindle assembly checkpoint protein MAD2B
NCBI Summary for MAD2L2	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 Articles on MAD2L2	**1.** hMAD2 also binds to the hREV7-binding sequence in hREV3, whereas hMAD2 does not bind to a similar sequence in ADAM9 or ELK-1 and hREV7 does not bind to the hMAD2-binding sequence in hMAD1 or hCDC20.
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