

MAD2L2 Rabbit mAb
Catalog # AP75687**Specification****MAD2L2 Rabbit mAb - Product Information**

Application	WB, IF
Primary Accession	O9UI95
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	24334

MAD2L2 Rabbit mAb - Additional Information**Gene ID** 10459**Other Names**

MAD2L2

Dilution

WB~~1/500-1/1000

IF~~1/50-1/200

Format

Liquid

MAD2L2 Rabbit mAb - Protein Information**Name** MAD2L2**Synonyms** MAD2B, REV7**Function**

Adapter protein able to interact with different proteins and involved in different biological processes (PubMed: [11459825](http://www.uniprot.org/citations/11459825)), PubMed: [11459826](http://www.uniprot.org/citations/11459826), PubMed: [17296730](http://www.uniprot.org/citations/17296730), PubMed: [17719540](http://www.uniprot.org/citations/17719540), PubMed: [19443654](http://www.uniprot.org/citations/19443654), PubMed: [29656893](http://www.uniprot.org/citations/29656893)). Mediates the interaction between the error-prone DNA polymerase zeta catalytic subunit REV3L and the inserter polymerase REV1, thereby mediating the second polymerase switching in translesion DNA synthesis (PubMed: [20164194](http://www.uniprot.org/citations/20164194)). Translesion DNA synthesis releases the replication blockade of replicative polymerases, stalled in presence of DNA lesions (PubMed: [20164194](http://www.uniprot.org/citations/20164194)). Component of the shieldin complex, which plays an important role in repair of DNA double-stranded breaks (DSBs) (PubMed: [20164194](http://www.uniprot.org/citations/20164194)).

<http://www.uniprot.org/citations/29656893> target="_blank">29656893). During G1 and S phase of the cell cycle, the complex functions downstream of TP53BP1 to promote non-homologous end joining (NHEJ) and suppress DNA end resection (PubMed:<[a href="http://www.uniprot.org/citations/29656893" target="_blank">29656893a href="http://www.uniprot.org/citations/29656893" target="_blank">29656893a href="http://www.uniprot.org/citations/17296730" target="_blank">17296730a href="http://www.uniprot.org/citations/11459825" target="_blank">11459825a href="http://www.uniprot.org/citations/17719540" target="_blank">17719540a href="http://www.uniprot.org/citations/19443654" target="_blank">19443654](http://www.uniprot.org/citations/29656893)

Cellular Location

Nucleus. Cytoplasm, cytoskeleton, spindle. Cytoplasm. Chromosome. Note=Recruited to sites of chromosomal double-stranded breaks during G1 and S phase of the cell cycle

Tissue Location

Ubiquitously expressed.

MAD2L2 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MAD2L2 Rabbit mAb - Images



