

Product datasheet

Anti-Mad2L2/REV7 antibody [EPR13657] - BSA and Azide free ab232620

Recombinant RabMAb

4 Images

Overview

Product name	Anti-Mad2L2/REV7 antibody [EPR13657] - BSA and Azide free
Description	Rabbit monoclonal [EPR13657] to Mad2L2/REV7 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF, Flow Cyt, IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human Mad2L2/REV7 aa 150 to the C-terminus. The exact sequence is proprietary. Database link: Q9UI95
Positive control	IHC-P: Human ovarian carcinoma tissue.
General notes	ab232620 is the carrier-free version of ab180579 This format is designed for use in antibody labeling, including fluorochromes, metal isotopes, oligonucleotides, enzymes.

Our [carrier-free formats](#) are supplied in a buffer free of BSA, sodium azide and glycerol for higher conjugation efficiency.

Use our [conjugation kits](#) for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

Ab232620 is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm.

Maxpar® is a trademark of Fluidigm Canada Inc.

This product was previously labelled as Mad2L2

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#).

This product is a [recombinant rabbit monoclonal antibody](#).

Properties

Form Liquid

Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Constituent: PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR13657
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab232620** in the following tested applications.

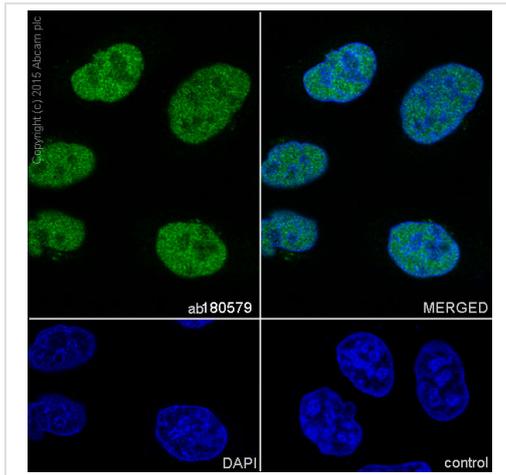
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 24 kDa.
IHC-P		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.

Target

Function	Adapter protein able to interact with different proteins and involved in different biological processes. 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. Translesion DNA synthesis releases the replication blockade of replicative polymerases, stalled in presence of DNA lesions. May also regulate another aspect of cellular response to DNA damage through regulation of the JNK-mediated phosphorylation and activation of the transcriptional activator ELK1. Inhibits the FZR1- and probably CDC20-mediated activation of the anaphase promoting complex APC thereby regulating progression through the cell cycle. Regulates TCF7L2-mediated gene transcription and may play a role in epithelial-mesenchymal transdifferentiation.
Tissue specificity	Ubiquitously expressed.
Sequence similarities	Contains 1 HORMA domain.
Cellular localization	Nucleus. Cytoplasm > cytoskeleton > spindle. Cytoplasm.

Images



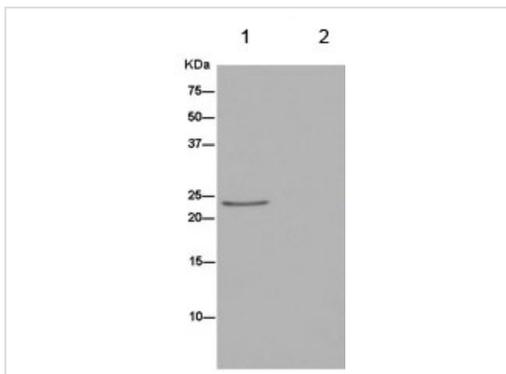
Immunocytochemistry/Immunofluorescence analysis of HeLa cells labelling Mad2L2/REV7 with [ab129199](#) at 1/500. Cells were fixed with 4% Paraformaldehyde. [ab150077](#), an Alexa Fluor[®] 488-conjugated goat anti-rabbit IgG (1/1000) was used as the secondary antibody.

Control: PBS only.

Nuclear counter stain: DAPI.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab180579](#)).

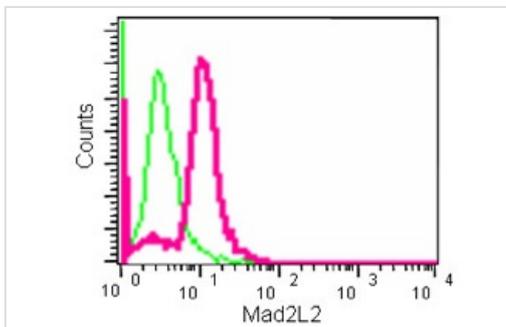
Immunocytochemistry/ Immunofluorescence - Anti-Mad2L2/REV7 antibody [EPR13657] - BSA and Azide free ([ab232620](#))



Immunoprecipitation of HeLa cells labeling Mad2L2/REV7 using [ab180579](#) at 1/40 dilution (lane 1) or negative control (lane 2) followed by anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1500.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab180579](#)).

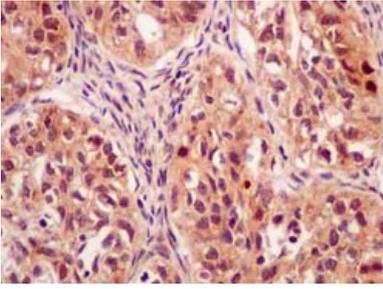
Immunoprecipitation - Anti-Mad2L2/REV7 antibody [EPR13657] - BSA and Azide free ([ab232620](#))



Flow cytometric analysis of paraformaldehyde fixed K562 cells labeling Mad2L2/REV7 with [ab180579](#) at 1/70 dilution and Goat anti rabbit IgG (FITC) at 1/50.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab180579](#)).

Flow Cytometry - Anti-Mad2L2/REV7 antibody [EPR13657] - BSA and Azide free ([ab232620](#))



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Mad2L2/REV7 antibody [EPR13657] - BSA and Azide free (ab232620)

Immunohistochemical staining of paraffin-embedded human ovarian carcinoma tissue labeling Mad2L2/REV7 using [ab180579](#) at a 1/50 dilution and ImmunoHistoprobe HRP Polymer for Rabbit IgG.

Counterstained with hematoxylin.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab180579](#)).

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