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Datasheet for ABIN3031734  
**anti-MDM2 antibody (AA 141-176)**

5 Images

Overview

Quantity:	0.4 mL
Target:	MDM2
Binding Specificity:	AA 141-176
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MDM2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	A portion of amino acids 141-176 from the human protein was used as the immunogen for this MDM2 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	MDM2
Alternative Name:	MDM2 ( <a href="#">MDM2 Products</a> )
Background:	MDM2 is a target of the transcription factor tumor protein p53. This protein is a nuclear phosphoprotein that binds and inhibits transactivation by tumor protein p53, as part of an autoregulatory negative feedback loop. Overexpression of MDM2 can result in excessive

## Target Details

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inactivation of tumor protein p53, diminishing its tumor suppressor function. This protein has E3 ubiquitin ligase activity, which targets tumor protein p53 for proteasomal degradation. This protein also affects the cell cycle, apoptosis, and tumorigenesis through interactions with other proteins, including retinoblastoma 1 and ribosomal protein L5.

UniProt: [Q00987](#)

Pathways: [p53 Signaling](#), [PI3K-Akt Signaling](#), [Cell Division Cycle](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Autophagy](#), [Ubiquitin Proteasome Pathway](#)

## Application Details

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Application Notes: Titration of the MDM2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Immunofluorescence: 1:10-1:50

Restrictions: For Research Use only

## Handling

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Format: Liquid

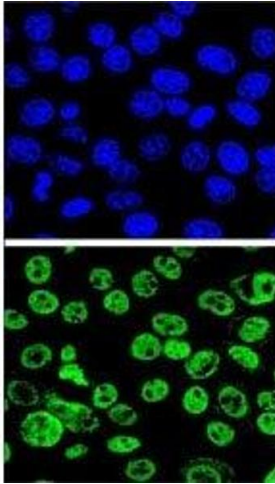
Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

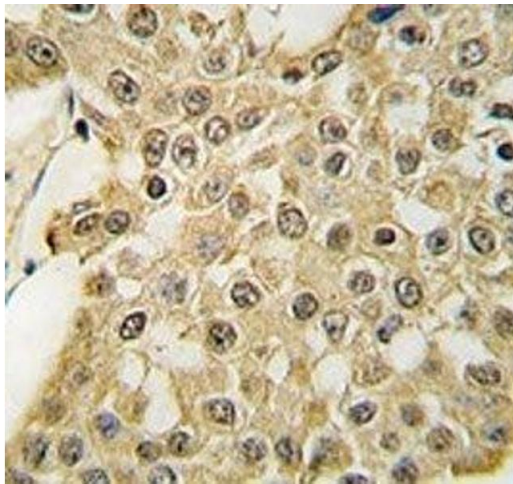
Storage: -20 °C

Storage Comment: Aliquot the MDM2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



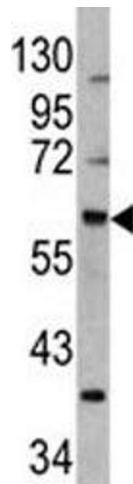
### Immunofluorescence

**Image 1.** Confocal immunofluorescent analysis of MDM2 antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



### Immunohistochemistry

**Image 2.** IHC analysis of FFPE human breast carcinoma tissue stained with the MDM2 antibody



### Western Blotting

**Image 3.** Western blot analysis of MDM2 antibody and 293 lysate

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3031734.