

Datasheet: VMA00406

Description:	MOUSE ANTI MDM2
Specificity:	MDM2
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Isotype:	IgG1
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	<i>E.coli</i> -derived recombinant protein corresponding to aa 101-200 of human MDM2

External Database

Links

UniProt:

[Q00987](#)

[Related reagents](#)

Entrez Gene:

[4193](#) MDM2 [Related reagents](#)

Specificity **Mouse anti Human MDM2 antibody** recognizes MDM2, also known as E3 ubiquitin-protein ligase Mdm2, E3 ubiquitin protein ligase, p53 E3 ubiquitin protein ligase homolog, p53-binding protein Mdm2 and oncoprotein Mdm2.

Encoded by the MDM2 gene, E3 ubiquitin-protein ligase Mdm2 is a nuclear-localized E3 ubiquitin ligase. This protein can promote tumor formation by targeting tumor suppressor proteins, such as p53, for proteasomal degradation. MDM2 is itself transcriptionally-regulated by p53. Overexpression or amplification of this locus is detected in a variety of different cancers. There is a pseudogene for MDM2 on chromosome 2. Alternative splicing results in a multitude of transcript variants, many of which may be expressed only in tumor cells (provided by RefSeq, Jun 2013).

Mouse anti Human MDM2 antibody detects a band of 90 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti MDM2 detects a band of approximately 90 kDa in A431 cell lysates

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee As supplied, 12 months from date of despatch.

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety Information Material Safety Datasheet documentation #10040 available at: Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

From March 15, 2021, we will no longer supply printed datasheets with our products.
Look out for updates on how to access your digital version at [bio-rad-antibodies.com](https://www.bio-rad-antibodies.com)

'M358139:190911'

Printed on 09 Feb 2021