

Datasheet: VMA00891

Description:	MOUSE ANTI RAD23A
Specificity:	RAD23A
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	CD01/2B1
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 affinity purified on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	<i>E. coli</i> -derived recombinant protein of amino acids 1-363 of human RAD23A

**External Database
Links**

UniProt:

[P54725](#) [Related reagents](#)

Entrez Gene:

[5886](#) RAD23A [Related reagents](#)

Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the mouse SP2/0 myeloma cell line
Specificity	<p>Mouse anti RAD23A antibody recognizes UV excision repair protein RAD23 homolog A, also known as HR23A.</p> <p>RAD23A is one of the homologs of yeast Rad23. Both homologs play an important role in DNA repair (Renaud et al. 2011). RAD23A is able to achieve optimal nucleotide excision repair due to the presence of its ubiquitin-binding domain for UBE2D3, which also allows it to interact with the proteasome without destruction (Bethea and Reddy 2015). The yeast protein Rad23 is a ubiquitin shuttle factor, which delivers ubiquitylated proteins to the proteasome (Godderz et al. 2017). RAD23A is a negative regulator of the RIG-I/MDA5-mediated antiviral response (Fang et al. 2013).</p>
Western Blotting	Mouse anti RAD23A antibody detects a band of approximately 52 kDa in HeLa cell lysates
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
Guarantee	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: https://www.bio-rad-antibodies.com/SDS/VMA00891 Antibody (10040)
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 \(MCA928\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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