

Datasheet: VMA00797

**BATCH NUMBER 64580661**

<b>Description:</b>	MOUSE ANTI RXR ALPHA
<b>Specificity:</b>	RXR ALPHA
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	AB02/1D10
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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](http://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

### Species Cross Reactivity

Reacts with: Mouse, Rat

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG - Liquid

### Preparation

Mouse monoclonal antibody affinity purified on Protein G from tissue culture supernatant

### Buffer Solution

Phosphate buffered saline

### Preservative

0.09% Sodium Azide

## Stabilisers

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**Approx. Protein Concentrations** IgG concentration 1.0 mg/ml

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**Immunogen** *E. coli*-derived recombinant protein of amino acids 1-462 of human RXR alpha

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## External Database Links

**UniProt:**

[P19793](#)   [Related reagents](#)

**Entrez Gene:**

[6256](#) RXRA   [Related reagents](#)

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**Synonyms** NR2B1

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**Fusion Partners** Spleen cells from immunised BALB/c mice were fused with cells of the mouse SP2/0 myeloma cell line

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**Specificity** **Mouse anti RXR alpha antibody** recognizes retinoic acid receptor RXR-alpha, also known as NR2B1.

The retinoid X receptor (RXR) is part of the steroid/thyroid hormone superfamily of nuclear receptors, proteins which predominantly functions as transcription factors with roles in development, cell differentiation, metabolism, and cell death. RXR alpha is one of three known subtypes of RXR. RXR in general, and also RXR alpha are involved with cancer development. For example, a malfunction of RXR alpha is associated with liver cancer ([Yamazaki et al. 2007](#)). RXR is upregulated in several cancers, including many ductal breast carcinomas ([Rodrigues de Almeida and Conda-Sheridan 2019](#)). Targeting RXR alpha in breast cancer cell lines has been shown to inhibit proliferation, and caused disease regression in animal models ([Crowe and Chandraratna 2004](#)).

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**Western Blotting** Mouse anti RXR alpha antibody detects a band of approximately 58 kDa in HeLa cell lysates

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

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**Guarantee** 12 months from date of despatch

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**Acknowledgements** PrecisionAb is a trademark of Bio-Rad Laboratories

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/VMA00797>  
Antibody (10040)

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**Regulatory** For research purposes only

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## Related Products

## Recommended Secondary Antibodies

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

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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://bio-rad-antibodies.com/datasheets)

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