

Datasheet: VMA00797

BATCH NUMBER 100004376

Description:	MOUSE ANTI RXR ALPHA
Specificity:	RXR ALPHA
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	AB02/1D10
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
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

Approx. Protein Concentrations IgG concentration 1.0 mg/ml

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

External Database Links**UniProt:**[P19793](#) [Related reagents](#)**Entrez Gene:**[6256](#) RXRA [Related reagents](#)

Synonyms NR2B1

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

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](#)).

Western Blotting Mouse anti RXR alpha antibody detects a band of approximately 58 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/VMA00797>
Antibody (10040)

Regulatory For research purposes only

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

'M375074:201216'

Printed on 10 Apr 2024

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