

Datasheet: VMA00939

BATCH NUMBER 100005665

Description:	MOUSE ANTI RBM8A
Specificity:	RBM8A
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	AB02/4G3
Isotype:	IgG2b
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 1-174 of human RBM8A

External Database Links

UniProt:

[Q9Y5S9](#) [Related reagents](#)

Entrez Gene:

[9939](#) RBM8A [Related reagents](#)

Synonyms RBM8

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

Specificity **Mouse anti RBM8A antibody** recognizes RNA-binding protein 8A, also known as ribonucleoprotein RBM8A and Y14.

RBM8A binds to RNA and controls a diverse range of functions including gene expression, cell cycle progression, apoptosis and RNA splicing. This regulation is achieved by employing cancer-related kinases, miRNAs and the E2F1 transcription factor ([Lin et al. 2019](#)). Loss of RBM8A leads to increased apoptosis and inhibits cell proliferation. RBM8A is overexpressed in hepatocellular carcinoma (HCC) tissues, and is associated with poor prognosis in patients with HCC ([Liang et al. 2017](#)). A role for RBM8A has been suggested in neurodevelopment, and implicated in risk of autism and schizophrenia ([Zou et al. 2015](#)). Furthermore, in mice, overexpression of RBM8A led to increased anxiety-like behavior and abnormal social behavior ([Alachkar et al. 2013](#)).

Western Blotting Mouse anti RBM8A detects a band of approximately 20 kDa in Jurkat 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/VMA00939>
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

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