

Datasheet: VMA00852

BATCH NUMBER 100004556

Description:	MOUSE ANTI SRSF3
Specificity:	SRSF3
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	CD01/2F12
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
Immunoprecipitation	▪			
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 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 1-164 of human SRSF3
External Database Links	<p>UniProt: P84103 Related reagents</p> <p>Entrez Gene: 6428 SRSF3 Related reagents</p>
Synonyms	SFRS3, SRP20
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 SRSF3 antibody recognizes serine/arginine-rich splicing factor 3, also known as SFRS3, SRP20.</p> <p>SRSF3 is the smallest member of the SR family of proteins, and promotes RNA splicing by recruiting spliceosome components. In addition, SRSF3 appears to regulate cell proliferation by controlling the G2/M transition (Kumar et al. 2019), and achieves this by regulating expression of FOXM1 and two of its transcriptional targets, PLK1 and Cdc25B (Kuranaga et al. 2018). Via alternative splicing, the protein can promote cellular senescence which is important for preventing cancer and contributing to aging (Shen et al. 2019). SRSF3 has been suggested to be a proto-oncogene, and is overexpressed in a number of tumors including breast, colon, ovarian, cervical, bone cancer, and glioma (Song et al. 2020). SRSF3 is also essential for development of fertilized-competent oocytes (Vinh Do et al. 2018).</p>
Western Blotting	Mouse anti SRSF3 antibody detects a band of approximately 23 kDa in HEK293 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/VMA00852 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 \(MCA928\)](#)

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

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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