

Datasheet: VMA00852

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

0.09% Sodium Azide

Stabilisers

Approx. Protein Concentrations IgG concentration 1.0 mg/ml

Immunogen *E. coli*-derived recombinant protein of amino acids 1-164 of human SRSF3

External Database Links

UniProt:

[P84103](#) [Related reagents](#)

Entrez Gene:

[6428](#) SRSF3 [Related reagents](#)

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 **Mouse anti SRSF3 antibody** recognizes serine/arginine-rich splicing factor 3, also known as SFRS3, SRP20.

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](#)).

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 \(MCA928\)](#)

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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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Printed on 18 Jan 2024

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