

Datasheet: VMA00947

Description:	MOUSE ANTI SNW1
Specificity:	SNW1
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	CD02/1B11
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	■			1/500 - 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
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 271-536 of human SNW1

**External Database
Links**

UniProt:

[Q13573](#)

[Related reagents](#)

Entrez Gene:

[22938](#)

SNW1

[Related reagents](#)

Synonyms

SKIIP, SKIP

Fusion Partners

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

Specificity

Mouse anti SNW1 antibody recognizes SNW domain-containing protein 1, also known as SKIIP, SKIP. SNW1 is a multifunctional protein which can act by direct protein interactions, by regulation of mRNA splicing, or regulation of transcription ([Hoflmayer et al. 2019](#)). To regulate mRNA splicing, SNW1 forms a component of the spliceosome which removes intronic sequences from pre-mRNAs before export of mature mRNA from the nucleus ([van der Lelij et al. 2014](#)). SNW1 is recruited to pre-mRNA after U1 and U4 snRNPs dissociate from the spliceosome. To regulate transcription, SNW1 is able to associate with numerous transcription factors to modulate their activities ([Sato et al. 2015](#)). SNW1 overexpression has been associated with poor prognosis in a variety of cancer types, and is upregulated in types of breast cancer, liver cancer, bladder cancer and malignant pleural mesothelioma ([Hoflmayer et al. 2019](#)). In embryogenesis, SNW1 is essential for defining the edge of the neural plate where the neural crest is specified ([Wu et al. 2011](#)).

Western Blotting

Mouse anti SNW1 detects a band of approximately 62 kDa in HEK293 cell lysates

Storage

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

Guarantee

12 months from date of despatch

Acknowledgements

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**Health And Safety
Information**

Material Safety Datasheet documentation #10040 available at:
<https://www.bio-rad-antibodies.com/SDS/VMA00947>
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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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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