

## Datasheet: VMA00947

<b>Description:</b>	MOUSE ANTI SNW1
<b>Specificity:</b>	SNW1
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	CD02/1B11
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - Liquid
<b>Preparation</b>	Mouse monoclonal antibody affinity purified on Protein G from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	<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](#)

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**Synonyms**

SKIIP, SKIP

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**Fusion Partners**

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

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**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](#)).

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**Western Blotting**

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

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**Storage**

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

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**Guarantee**

12 months from date of despatch

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**Acknowledgements**

PrecisionAb is a trademark of Bio-Rad Laboratories

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**Health And Safety  
Information**

Material Safety Datasheet documentation #10040 available at:  
Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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**Regulatory**

For research purposes only

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## 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](https://bio-rad-antibodies.com/datasheets)

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