

Datasheet: VMA00905

**BATCH NUMBER 64623288**

<b>Description:</b>	MOUSE ANTI SEC61B
<b>Specificity:</b>	SEC61B
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	rAB01-4H3
<b>Isotype:</b>	IgG2a
<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	▪			1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

### 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

Recombinant IgG prepared by affinity chromatography on Protein A from cell culture supernatant

### Source

CHO-S

### Buffer Solution

Phosphate buffered saline

<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	<i>E. coli</i> --derived recombinant protein of amino acids 2-70 of human SEC61B
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P60468</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">10952</a>    SEC61B    <a href="#">Related reagents</a></p>
<b>Specificity</b>	<p><b>Mouse anti SEC61B antibody</b> recognizes protein transport protein Sec61 subunit beta.</p> <p>SEC61B is a component of the Sec61 translocon (<a href="#">Chiusa et al. 2019</a>), a complex in the endoplasmic reticulum (ER) that mediates membrane insertion of membrane proteins of organelles associated with endocytosis and exocytosis (<a href="#">Lang et al. 2017</a>). The gene encoding SEC61B is associated with polycystic liver diseases, a group of inherited disorders characterized by multiple hepatic cysts (<a href="#">Cornec-Le Gall et al. 2018</a>; <a href="#">Lee-Law et al. 2019</a>).</p>
<b>Western Blotting</b>	Mouse anti SEC61B antibody detects a band of approximately 12 kDa in HepG2 cell lysates
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
<b>Guarantee</b>	As supplied, 12 months from date of despatch
<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VMA00905">https://www.bio-rad-antibodies.com/SDS/VMA00905</a> 10040
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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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://www.bio-rad-antibodies.com/datasheets)  
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