

Datasheet: VMA00905

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

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	<p>Reacts with: Mouse, Rat</p> <p>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.</p>
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
Preservative	0.09% Sodium Azide (NaN ₃)

Stabilisers

Approx. Protein Concentrations

IgG concentration 1.0 mg/ml

Immunogen

E. coli--derived recombinant protein of amino acids 2-70 of human SEC61B

External Database Links

UniProt:

[P60468](#)

[Related reagents](#)

Entrez Gene:

[10952](#)

SEC61B

[Related reagents](#)

Specificity

Mouse anti SEC61B antibody recognizes protein transport protein Sec61 subunit beta.

SEC61B is a component of the Sec61 translocon ([Chiusa et al. 2019](#)), a complex in the endoplasmic reticulum (ER) that mediates membrane insertion of membrane proteins of organelles associated with endocytosis and exocytosis ([Lang et al. 2017](#)). The gene encoding SEC61B is associated with polycystic liver diseases, a group of inherited disorders characterized by multiple hepatic cysts ([Cornec-Le Gall et al. 2018](#); [Lee-Law et al. 2019](#)).

Western Blotting

Mouse anti SEC61B antibody detects a band of approximately 12 kDa in HepG2 cell lysates

Storage

This product is shipped at ambient temperature.
Store undiluted at -20°C, avoiding repeated freeze thaw cycles

Guarantee

As supplied, 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/VMA00905>
10040

Regulatory

For research purposes only

Related Products

Recommended Negative Controls

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

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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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