

## Datasheet: AHP890

<b>Description:</b>	RABBIT ANTI SARS MEMBRANE PROTEIN (N-TERMINAL)
<b>Specificity:</b>	SARS MEMBRANE PROTEIN (N-TERMINAL)
<b>Other names:</b>	SARS MATRIX GLYCOPROTEIN
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

## 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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Immunoprecipitation			▪	
Western Blotting			▪	

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Viral
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antisera to SARS M protein were raised by repeated immunisations of rabbits with highly purified antigen.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.02% Sodium Azide
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml

<b>Immunogen</b>	Synthetic peptide corresponding to a sequence within the amino terminus of the SARS Membrane protein.
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P59596</a> <a href="#">Related reagents</a>
<b>RRID</b>	AB_567200
<b>Specificity</b>	<p><b>Rabbit anti SARS Membrane Protein antibody</b> recognizes the Severe Acute Respiratory Syndrome (SARS) virus) membrane glycoprotein, also known as M protein, E1 glycoprotein or Matrix glycoprotein. SARS Membrane protein has a triple-spanning transmembrane region, a small external N-terminal domain and a longer C-terminal region in the interior.</p> <p>SARS M Protein is the major component of the virion envelope, and has an important structural role. The protein is also believed to interact with the Spike and Nucleocapsid proteins and also to participate in virion assembly.</p>
<b>Further Reading</b>	<p>1. Marra, M.A. <i>et al.</i> (2003) The Genome sequence of the SARS-associated coronavirus. <a href="#">Science. 300 (5624): 1399-404.</a></p> <p>2. Rota PA <i>et al.</i> (2003) Characterization of a novel coronavirus associated with severe acute respiratory syndrome. <a href="#">Science. 300 (5624): 1394-9.</a></p>
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	18 months from date of despatch.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: 10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	<a href="#">FITC</a>
Goat Anti Rabbit IgG (H/L) (STAR124...)	<a href="#">HRP</a>
Goat Anti Rabbit IgG (Fc) (STAR121...)	<a href="#">Biotin</a> , <a href="#">FITC</a> , <a href="#">HRP</a>
Sheep Anti Rabbit IgG (STAR35...)	<a href="#">RPE</a>
Sheep Anti Rabbit IgG (STAR36...)	<a href="#">DyLight®488</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a>

<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>	<b>From March</b>
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