

## Datasheet: MCA491G

**BATCH NUMBER 149756**

<b>Description:</b>	MOUSE ANTI RESPIRATORY SYNCYTIAL VIRUS NUCLEOPROTEIN
<b>Specificity:</b>	RESPIRATORY SYNCYTIAL VIRUS NUCLEOPROTEIN
<b>Other names:</b>	RSV
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	RSV3132 (B023)
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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	▪			1/100
Immunohistology - Paraffin			▪	
ELISA (1)	▪			
Immunoprecipitation			▪	
Western Blotting			▪	
Immunofluorescence	▪			

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 system using appropriate negative/positive controls.

**(1) Suitable for use as detection reagent with MCA490 as capture reagent in sandwich ELISA (See [Adams et al. 2010](#) for details).**

<b>Target Species</b>	Viral
<b>Product Form</b>	Purified IgG - liquid
<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>	Bovine RSV strains: 127, SNK and 9007. Human RSV strains: A2, Long, Randall and 8/60.
<b>RRID</b>	AB_324337
<b>Fusion Partners</b>	Cells from BALB/c mice were fused with cells of the NS1 myeloma cell line.
<b>Specificity</b>	<p><b>Mouse anti Respiratory Syncytial Virus Nucleoprotein antibody, clone RSV3132 (B023)</b> recognizes an epitope within the 42kD RSV nucleoprotein.</p> <p>Mouse anti Respiratory Syncytial Virus Nucleoprotein antibody, clone RSV3132 (B023) can be used in IFA studies in conjunction with clone <a href="#">RSV3216</a>.</p>
<b>References</b>	<ol style="list-style-type: none"> <li>Adams, O. <i>et al.</i> (2010) Palivizumab-resistant human respiratory syncytial virus infection in infancy. <a href="#">Clin Infect Dis. 51 (2): 185-8.</a></li> <li>Bajimaya, S. <i>et al.</i> (2017) Cholesterol is required for stability and infectivity of influenza A and respiratory syncytial viruses. <a href="#">Virology. 510: 234-41.</a></li> </ol>
<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>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA491G">https://www.bio-rad-antibodies.com/SDS/MCA491G</a> 10040
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</a>
Goat Anti Mouse IgG (STAR70...)	<a href="#">FITC</a>
Rabbit Anti Mouse IgG (STAR13...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>

Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),  
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),  
[FITC](#), [HRP](#)

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