

Datasheet: MCA491G

BATCH NUMBER 167448

Description:	MOUSE ANTI RESPIRATORY SYNCYTIAL VIRUS NUCLEOPROTEIN
Specificity:	RESPIRATORY SYNCYTIAL VIRUS NUCLEOPROTEIN
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	RSV3132 (B023)
Isotype:	IgG1
Quantity:	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.

	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).

Target Species	Viral
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative	<0.1% Sodium Azide (NaN ₃)

Stabilisers

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Bovine RSV strains: 127, SNK and 9007. Human RSV strains: A/2, Long, Randall and 8/60.
RRID	AB_324337
Fusion Partners	Cells from BALB/c mice were fused with cells of the NS1 myeloma cell line.
Specificity	<p>Mouse anti Respiratory Syncytial Virus Nucleoprotein antibody, clone RSV3132 (B023) recognizes an epitope within the 42kD RSV nucleoprotein.</p> <p>Mouse anti Respiratory Syncytial Virus Nucleoprotein antibody, clone RSV3132 (B023) can be used in immunofluorescence assays in conjunction with clone RSV3216.</p>
References	<ol style="list-style-type: none">1. Adams, O. <i>et al.</i> (2010) Palivizumab-resistant human respiratory syncytial virus infection in infancy. Clin Infect Dis. 51 (2): 185-8.2. Bajimaya, S. <i>et al.</i> (2017) Cholesterol is required for stability and infectivity of influenza A and respiratory syncytial viruses. Virology. 510: 234-41.
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA491G10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC

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

Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

Goat Anti Mouse IgG (STAR77...) [HRP](#)

Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

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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

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