

Datasheet: MCA401

BATCH NUMBER 171477

Description:	MOUSE ANTI INFLUENZA A MATRIX PROTEIN
Specificity:	INFLUENZA A MATRIX PROTEIN
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	GA2B
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			▪	
Immunohistology - Paraffin	▪			
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			
Immunofluorescence	▪			1/100

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.

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 Stabilisers	<0.1% Sodium Azide (NaN ₃)

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Influenza A / Puerto Rico / 8 / 34 (H1N1) and A/Bangkok / 1 / 79 (H3N2) viruses.
External Database Links	<p>UniProt:</p> <p>P03485 Related reagents</p> <p>P03487 Related reagents</p> <p>Entrez Gene:</p> <p>956527 M1 Related reagents</p>
RRID	AB_322157
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the P3 Ag8.653 mouse myeloma cell line.
Specificity	<p>Mouse anti Influenza A matrix protein 1 antibody, clone GA2B recognizes an epitope within the influenza A matrix protein 1. In both strains of virus used as immunogen to isolate clone GA2B, the matrix protein 1 is a 252 amino acid, highly conserved viral protein playing a crucial role in replication.</p> <p>Mouse anti Influenza A matrix protein 1 antibody, clone GA2B can be used in influenza A IFA typing in conjunction with Mouse anti Influenza A matrix protein, clone AA5H.</p>
Purity	>90% IgG content as established by SDS PAGE
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Storage

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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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/MCA401>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...) [HRP](#)

Goat Anti Mouse IgG (STAR70...) [FITC](#)

Rabbit Anti Mouse IgG (STAR13...) [HRP](#)

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

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

Goat Anti Mouse IgG (STAR76...) [RPE](#)

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

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 (STAR12...) [RPE](#)

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