Datasheet: OBT1557

BATCH NUMBER 169164

Description:	MOUSE ANTI INFLUENZA A N1 NUCLEOPROTEIN
Specificity:	INFLUENZA A N1 NUCLEOPROTEIN
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	A1
Isotype:	IgG
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	▪			
Immunofluorescence	▪			

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	Viral
Product Form	Purified IgG - liquid
Preparation	Antibody purified from ascites
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium azide (NaN_3)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
RRID	AB_619087
Specificity	**Mouse anti Influenza A N1 nucleoprotein antibody, clone A1** recognises the Influenza

	type A nucleoprotein. It demeostrates stronger binding with N1 type influenza A. No cross reactivity is seen with influenza B or other respiratory viruses. Reactivity with virus isolated from other species has not been confirmed with the exception of Avian H5N1 strain.
References	1. Mcquillin, J. *et al.* (1985) Monoclonal antibodies for the rapid diagnosis of influenza A and B virus infections by immunofluorescence. Lancet. 2 (8461): 911-4. 2. Walls, H.H. *et al.* (1986) Characterization and evaluation of monoclonal antibodies developed for typing influenza A and influenza B viruses. J Clin Microbiol. 23 (2): 240-5. 3. Walls, H.H. *et al.* (1986) Time-resolved fluoroimmunoassay with monoclonal antibodies for rapid diagnosis of influenza infections. J Clin Microbiol. 24 (6): 907-12. 4. Bhardwaj, J. *et al.* (2020) Rapid Airborne Influenza Virus Quantification Using an Antibody-Based Electrochemical Paper Sensor and Electrostatic Particle Concentrator. Environ Sci Technol. 54 (17): 10700-12.
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/OBT1557 10040
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
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
Rabbit Anti Mouse IgG (STAR13...)	HRP

Recommended Useful Reagents

AVIDIN/BIOTIN BLOCKING REAGENT (BUF016)

North & South America Tel: +1 800 265 7376
Fax: +1 919 878 3751
Email: antibody_sales_us@bio-rad.com

Worldwide Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739
Email: antibody_sales_uk@bio-rad.com

Europe Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50
Email: antibody_sales_de@bio-rad.com

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M424163:231019'

Printed on 29 Aug 2024