

Datasheet: OBT1557

BATCH NUMBER 159509

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
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium azide
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 demonstrates 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. 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.](#)
2. 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.](#)
3. 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.](#)

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: 10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

- | | |
|---|---|
| Goat Anti Mouse IgG (STAR77...) | HRP |
| Rabbit Anti Mouse IgG (STAR12...) | RPE |
| Goat Anti Mouse IgG (STAR70...) | FITC |
| Goat Anti Mouse IgG IgA IgM (STAR87...) | Alk. Phos. , HRP |
| Goat Anti Mouse IgG (STAR76...) | RPE |
| 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 (STAR13...) | HRP |
| Goat Anti Mouse IgG (Fc) (STAR120...) | FITC , HRP |
| Rabbit Anti Mouse IgG (STAR9...) | FITC |

Recommended Useful Reagents

[AVIDIN/BIOTIN BLOCKING REAGENT \(BUF016\)](#)

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