Datasheet: MCA400

**Description:** MOUSE ANTI INFLUENZA A NUCLEOPROTEIN

**Specificity:** INFLUENZA A NUCLEOPROTEIN

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** AA5H

**Isotype:** IgG2a

**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.

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<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<td>Flow Cytometry</td>
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<td>Immunofluorescence</td>
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Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. 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:** 0.09% Sodium Azide

**Approx. Protein Concentrations:** IgG concentration 1.0 mg/ml

**Immunogen:** Influenza A / Puerto Rico / 8 / 34 (H1N1) and A/Bangkok / 1 / 79 (H3N2) viruses.

**Fusion Partners:** Spleen cells from BALB/c mice were fused with cells of the P3 Ag8.653 mouse myeloma cell line.

**Specificity:** Mouse anti Influenza A Nucleoprotein antibody, clone AA5H recognizes an epitope within Influenza virus A nucleoprotein. Mouse anti Influenza A Nucleoprotein antibody, clone AA5H can be
used in influenza A IFA typing in conjunction with MCA401 (clone GA2B).

References

22. Kim HR et al. (2016) Ostrich (Struthio camelus) Infected with H5N8 Highly Pathogenic Avian
23. Dick, A. et al. (2015) Role of nucleotide binding and GTPase domain dimerization in
dynamin-like myxovirus resistance protein A for GTPase activation and antiviral activity. J Biol
25. Thulasi Raman, S.N. et al. (2016) DDX3 Interacts with Influenza A Virus NS1 and NP Proteins
and Exerts Antiviral Function through Regulation of Stress Granule Formation. J Virol, 90 (7):
3661-75.

Storage
Store at +4°C or at -20°C if preferred.
This product should be stored undiluted.
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.

Shelf Life
18 months from date of despatch.

Health And Safety
Information
Material Safety Datasheet documentation #10040 available at:

Regulatory
For research purposes only

Related Products

Recommended Secondary Antibodies
Goat Anti Mouse IgG IgA IgM (STAR87...) Alk. Phos., HRP
Goat Anti Mouse IgG (STAR77...) HRP
Rabbit Anti Mouse IgG (STAR12...) RPE
Rabbit Anti Mouse IgG (STAR8...) DyLight®800
Rabbit Anti Mouse IgG (STAR13...) 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®549,
DyLight®649, DyLight®680, DyLight®800,
FITC, HRP
Goat Anti Mouse IgG (Fc) (STAR120...) FITC, HRP
Rabbit Anti Mouse IgG (STAR9...) FITC
Human Anti Mouse IgG2a (HCA037...) FITC, HRP