

Monoclonal Anti-Influenza A Virus Nucleoprotein (NP), Clone IC5-1B7 (produced *in vitro*)

Catalog No. NR-43899

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For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Antibody Class: IgG1k

Specificity: Nucleoprotein (NP) (folded and misfolded) from human influenza A virus

Immunizing Antigen: Cells infected with human influenza A virus

Applications:

Immunoblot: No

Immunoprecipitation: No

ELISA: Yes

Immunofluorescence: Yes

Neutralization: No

Mouse monoclonal antibody specific to folded and misfolded nucleoprotein (NP) from human influenza A virus was affinity purified from hybridoma supernatant. Lot 61613350 and lot 63323705 were purified using protein G magnetic beads. Lot 64289079, lot 70008127 and lot 70008130 were purified by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of SP2/0 myeloma cells with immunized mouse splenocytes.

Material Provided:

Each vial of NR-43899 contains approximately 100 µL of purified monoclonal antibody in phosphate-buffered saline. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:

NR-43899 was packaged aseptically in cryovials and is provided frozen on dry ice. NR-43899 should be stored at -20°C or colder. Freeze-thaw cycles should be avoided.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-Influenza A Virus Nucleoprotein (NP), Clone IC5-1B7 (produced *in vitro*), NR-43899."

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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