

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

Catalog No. NR-4544

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Contributor:

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Product Description:

Antibody Class: IgG1.k

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

Immunizing Antigen: Cells infected with human influenza A virus

Applications:

Immunoblot: Weak

Immunoprecipitation: Yes

ELISA: Yes

Immunofluorescence: Yes

Neutralization: No

Mouse monoclonal antibody specific to folded and misfolded NP from human influenza A virus was purified from hybridoma supernatant 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-4544 contains approximately 1 mg of purified monoclonal antibody in phosphate-buffered saline, pH 7.4. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:

NR-4544 was packaged aseptically in cryovials and is provided frozen on dry ice. NR-4544 should be stored at -20°C or colder. Freeze-thaw cycles should be avoided.

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, 2007; see www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Monoclonal Anti-Influenza A Virus NP, Clone IC5-1B7 (produced *in vitro*), NR-4544."

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References:

1. Antón, L. C., et al. "Intracellular Localization of Proteasomal Degradation of a Viral Antigen." J. Cell Biol. 146 (1999): 113-124. PubMed: 10402484.

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