

Monoclonal Anti-Influenza A Virus Nonstructural Protein 1 (NS1), Clone NS1-1A7 (produced *in vitro*)

Catalog No. NR-44426

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Contributor:

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Manufacturer:

BEI Resources

Product Description:

Antibody Class: IgG2ak

Specificity: NS1 from human influenza A virus

Immunizing Antigen: Cells infected with human influenza A virus

Applications:

Immunoblot: Yes

Immunoprecipitation: Yes

ELISA: Yes

Immunofluorescence: Yes

Neutralization: No

Mouse monoclonal antibody specific to nonstructural protein 1 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-44426 contains approximately 100 µL of purified monoclonal antibody in PBS. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:

NR-44426 was packaged aseptically in screw-capped plastic vials and is provided frozen on dry ice. The product should be stored at -20°C or colder immediately upon arrival. 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 Nonstructural Protein 1 (NS1), Clone NS1-1A7 (produced *in vitro*), NR-44426."

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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References:

1. Yewdell, J. W., J. R. Bennink, and Y. Hosaka. "Cells Process Exogenous Proteins for Recognition by Cytotoxic T Lymphocytes." Science 239 (1988): 637-640. PubMed: 3257585.

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