

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

### Catalog No. NR-4538

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### For research use only. Not for human use.

#### Contributor:

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#### Product Description:

Antibody Class: IgG2a.k

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 NS1 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-4538 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-4538 was packaged aseptically in cryovials and is provided frozen on dry ice. NR-4538 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/bmbl5/bmbl5toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.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 NS1, Clone NS1-1A7 (produced *in vitro*), NR-4538."

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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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