

Monoclonal Anti-Influenza A Virus Hemagglutinin (HA), Clone IC5-4F8 (produced *in vitro*)

Catalog No. NR-48783

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Contributor:

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Manufacturer:

BEI Resources

Product Description:

Antibody Class: IgG3k

Specificity: Native hemagglutinin (HA) from influenza A virus, A/Puerto Rico/8/1934 (H1N1)

Immunizing Antigen: Cells infected with influenza A virus, A/Puerto Rico/8/1934 (H1N1)

Applications:

- Immunoblot: No
- Immunoprecipitation: Yes
- ELISA: Yes
- Immunofluorescence: Yes
- Neutralization: Yes

Mouse monoclonal antibody specific to native HA from influenza A virus, A/Puerto Rico/8/1934 (H1N1) 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-48783 contains approximately 0.1 mL of purified monoclonal antibody in PBS. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:

NR-48783 was packaged aseptically in cryovials and is provided frozen on dry ice. NR-48783 should be stored at -20°C or colder. Freeze-thaw cycles should be avoided.

Functional Activity:

NR-48783 recognizes influenza A virus, A/Puerto Rico/8/1934 (H1N1)-infected MDCK cells in indirect immunofluorescence assays. See Certificate of Analysis for details.

Citation:

Acknowledgment for publications should read "The following

reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-Influenza A Virus Hemagglutinin (HA), Clone IC5-4F8 (produced *in vitro*), NR-48783."

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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