

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

Catalog No. NR-48783

This reagent is the tangible property of the U.S. Government.

For research use only. Not for use in humans.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Antibody Class: IgG3k

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. Immunizing antigen was cells infected with influenza A virus, A/Puerto Rico/8/1934 (H1N1).

Material Provided:

Each vial of NR-48783 contains approximately 100 µL of purified monoclonal antibody in PBS. The concentration expressed as milligrams per milliliter is shown on the Certificate of Analysis.

Packaging/Storage:

NR-48783 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.

Functional Activity:

NR-48783 recognizes influenza A virus, A/Puerto Rico/8/1934 (H1N1)-infected MDCK cells in indirect immunofluorescence assays. Clone IC5-4F8 antibody is also reported to function in ELISA, immunoprecipitation and antibody neutralization assays.

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](#). 6th ed. Washington, DC: U.S. Government Printing Office, 2020.

Disclaimers:

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