

Monoclonal Anti-Influenza A Virus Neuraminidase (NA), Clone NA2-1C1 (produced *in vitro*)

Catalog No. NR-50239

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For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Antibody Class: IgG1k

Mouse monoclonal antibody specific to NA tetramer from influenza 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 splenocytes from mice immunized with cells infected with influenza virus, A/Puerto Rico/8/1934 (H1N1).

Material Provided:

Each vial of NR-50239 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-50239 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-50239 is specific to the NA tetramer from influenza virus, A/Puerto Rico/8/1934 (H1N1).

Applications: Immunoprecipitation, immunofluorescence, ELISA.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-Influenza A Virus Neuraminidase (NA), Clone NA2-1C1 (produced *in vitro*), NR-50239."

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/bmb15/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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