

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

## Catalog No. NR-4540

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

### Contributor:

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### Manufacturer:

QED Bioscience Inc.

### Product Description:

Antibody Class: IgG1k

Specificity: Neuraminidase (NA) tetramer from influenza virus, A/Puerto Rico/8/34 (H1N1)

Immunizing Antigen: Cells infected with influenza virus, A/Puerto Rico/8/34 (H1N1)

Applications:

Immunoblot: No

Immunoprecipitation: Yes

ELISA: Yes

Immunofluorescence: Yes, post-Golgi compartments

Neutralization: No

Mouse monoclonal antibody specific to NA tetramer from influenza virus, A/Puerto Rico/8/34 (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-4540 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 for each lot.

### Packaging/Storage:

NR-4540 was packaged aseptically in cryovials and is provided frozen on dry ice. NR-4540 should be stored at -20°C or colder. **Storage at warmer temperatures (lot 61572589) is not recommended due to a low bioburden.** 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 Neuraminidase (NA), Clone NA2-1C1 (produced *in vitro*), NR-4540."

### 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](http://www.cdc.gov/biosafety/publications/bmb15/index.htm).

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### References:

- 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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