

Monoclonal Anti-Influenza A Virus H3 Hemagglutinin (HA) Stalk Domain, Clone FF1.H6.H6 (AX-LAH3) (produced *in vitro*)

Catalog No. NR-50513

For research use only. Not for human use.

Contributor and Manufacturer:

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Product Description:

Antibody Class: IgG1κ

Specificity: H3 hemagglutinin (HA) of influenza A virus

Immunizing Antigen: Proprietary influenza vaccine candidate (chimeric virus-like particle)

Applications:

ELISA: Yes

Immunoblot: Yes

Immunocytochemistry: Yes

Immunofluorescence: Yes

Immunohistochemistry: Unknown

Immunoprecipitation: Yes

Neutralization: Unknown

Mouse monoclonal antibody specific to the stalk domain of the H3 HA from influenza A virus was purified from hybridoma supernatant by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of myeloma cells with immunized BALB/c mouse splenocytes.

Material Provided:

Each vial of NR-50513 contains approximately 100 µL 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-50513 was packaged aseptically in cryovials and is provided frozen on ice bricks. The product should be stored at -20°C or colder immediately upon arrival. Upon thawing, the antibody may be stored at 4°C for 1 to 2 weeks, or aliquoted and frozen at -20°C or colder for long-term storage. Repeated freeze-thaw cycles should be avoided.

Functional Activity:

NR-50513 recognizes recombinant influenza A virus H3 HA in ELISA. See Certificate of Analysis for details. The AX-LAH3 antibody is broadly reactive against HA from influenza A/H3 strains.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH:

Monoclonal Anti-Influenza A Virus H3 Hemagglutinin (HA) Stalk Domain, Clone FF1.H6.H6 (AX-LAH3) (produced *in vitro*), NR-50513."

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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