b|e|i RESOURCES
SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for NR-50513

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

Catalog No. NR-50513

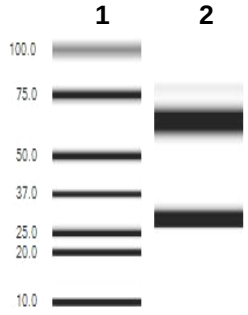
Product Description: Antibody Class: IgG1κ
Mouse monoclonal antibody specific to the H3 hemagglutinin (HA) stalk domain from influenza A virus was purified from hybridoma supernatant by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of myeloma cells with immunized BALB/c mouse splenocytes.

Lot: 70003296 **Manufacturing Date: JAN2016**

TEST	SPECIFICATIONS	RESULTS
Antibody Class	IgG1κ	IgG1κ
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 86.2 % pure
Protein Concentration by Spectrophotometer at OD_{280}	Report results	0.9 mg per mL
Functional Activity by ELISA[1] Recombinant influenza A H3 HA protein[2] Recombinant vaccinia virus A33R protein[3]	 Reactive Not reactive	 Reactive Not reactive
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

[1]NR-50513 was tested at dilutions ranging from 1:100 to 1:3200 on plates coated with 5 µg per well of the indicated recombinant protein.
[2]HA Recombinant Influenza A Virus Protein, Subtype H3N2 (A/Aichi/2/1968), His Tag (ThermoFisher 11707V08H50)
[3]Vaccinia Virus (WR) A33R Protein with C-terminal Histidine Tag, Recombinant from Baculovirus (BEI Resources NR-545)

Figure 1



Lane 1: MW Markers (kDa)
Lane 2: NR-50513

Date: 28 APR 2017 **Signature:**

BEI Resources Authentication

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