

**Monoclonal Anti-Influenza A Virus H5 Hemagglutinin (HA), A/Vietnam/1203/2004 (H5N1), Clone DPJY01 (produced *in vitro*)**

**Catalog No. NR-19869**

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

**Product Description:** Mouse monoclonal antibody prepared against the H5 hemagglutinin (HA) protein of the A/Vietnam/1203/2004 (H5N1) strain of influenza A virus was purified from clone DPJY01 by protein L affinity chromatography.

**Lot: 59476519**

**Manufacturing Date: 09NOV2010**

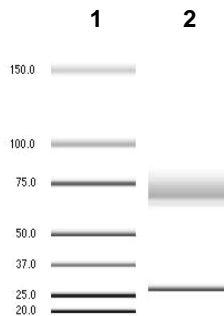
TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgAk
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 89.6% pure
Concentration by Spectrophotometer at OD <sub>280</sub>	Report results	1.0 mg/mL
Functional Activity by ELISA <sup>1</sup> Live Influenza Virus A/duck/Singapore/645/1997 (H5N3) <sup>2</sup> Monovalent Influenza Subvirion Vaccine, rgA/Vietnam/1203/2004 (H5N1) <sup>3</sup>	Report results Report results	Reactive Reactive
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

<sup>1</sup>Wells were coated with the indicated influenza virus antigen, blocked and incubated with either a 1:100 or 1:1000 dilution of NR-19869 followed by biotin-conjugated goat anti-mouse IgG + IgM (H & L) (Rockland Immunochemicals 610-106-115), peroxidase-conjugated streptavidin (Rockland Immunochemicals S000-03) and tetramethylbenzidine (TMB) ELISA peroxidase substrate (Rockland Immunochemicals TMBE-1000). Absorbance was read at 450 – 650 nm.

<sup>2</sup>BEI Resources NR-3599, 1.6 x 10<sup>5</sup> TCID<sub>50</sub> per well

<sup>3</sup>BEI Resources NR-4143, 5 ng HA per well

**Figure 1**



Lane 1: MW Markers (kDa)  
Lane 2: NR-19869

## Certificate of Analysis for NR-19869

**Date:** 02 MAY 2012

**Signature:** 

**Title:** Technical Manager, BEI Authentication or designee

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