

Monoclonal Anti-Influenza Virus H5 Hemagglutinin (HA), A/Vietnam/1203/2004 (H5N1), Clone DPJY02 (produced *in vitro*)

Catalog No. NR-19870

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 DPJY02 hybridoma supernatant by protein G affinity chromatography.

Lot: 59476520

Manufacturing Date: 23NOV2010

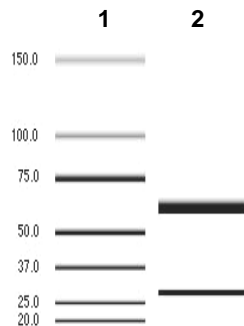
TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG2ak
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 98.2% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	1.1 mg/mL
Functional Activity by ELISA ¹ Live Influenza Virus A/duck/Singapore/645/1997 (H5N3) ² Monovalent Influenza Subvirion Vaccine, rgA/Vietnam/1203/2004 (H5N1) ³	Report results	Not reactive
	Report results	Reactive
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

¹Wells 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.

²BEI Resources NR-3599, 1.6 x 10⁵ TCID₅₀ per well

³BEI Resources NR-4143, 5 ng HA per well

Figure 1



Lane 1: MW Markers (kDa)
Lane 2: NR-19870

Certificate of Analysis for NR-19870

Date: 02 MAY 2012

Signature: 

Title: Technical Manager, BEI Authentication or designee

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