

**Monoclonal Anti-Influenza A Virus H7 Hemagglutinin (HA), A/Shanghai/1/2013 (H7N9) Clone 1H5 (produced *in vitro*)**

**Catalog No. NR-51193**

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

**Product Description:**

Antibody Class: IgG2a

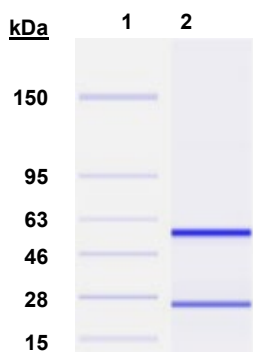
Mouse monoclonal antibody against hemagglutinin from influenza virus, A/Shanghai/1/2013 (H7N9) was purified by protein G affinity chromatography from hybridoma (BEI Resources NRC-51193 lot 70023610 adapted to serum-free media) supernatant.

**Lot: 70023607**

**Manufacturing Date: 04OCT2018**

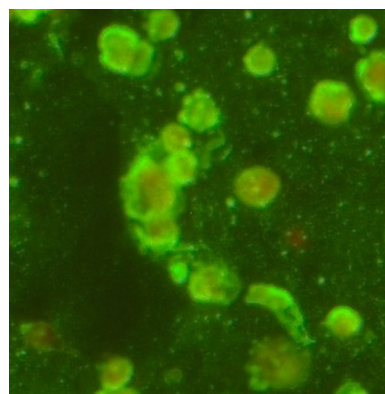
TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG2a	IgG2ak
Agilent® Protein 230 Analysis	Correct molecular weight (MW) for heavy and light chains; Report purity	Correct molecular weight (MW) for heavy and light chains (Figure 1); 96% pure
Concentration by Spectrophotometer at OD <sub>280</sub>	≥ 1.0 mg per mL	1.2 mg per mL
Functional Activity by Immunofluorescence Assay Using Influenza A virus, A/Shanghai/2/2013 (H7N9)-PR8-IDCDC-RG32A (International Reagent Resource FR-1389 lot 63266096)-infected Madin-Darby Canine Kidney (MDCK) cells (ATCC® CCL-34™) and 1:100, 1:300 and 1:500 dilutions of NR-51193	Reactive	Reactive (Figure 2)
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

**Figure 1: Agilent® Protein 230 Analysis**



Lane 1: Agilent® Protein 230 Ladder  
Lane 2: NR-51193

**Figure 2: Indirect Fluorescent Antibody Assay**



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Program Manager or designee, ATCC Federal Solutions

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