

Monoclonal Anti-Influenza A Virus H7 Hemagglutinin (HA), A/Shanghai/1/2013 (H7N9) Clone 1H10 (produced *in vitro*)

Catalog No. NR-51194

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

Product Description:

Antibody Class: IgG2ak

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-51194 lot 70023611 adapted to serum-free media) supernatant.

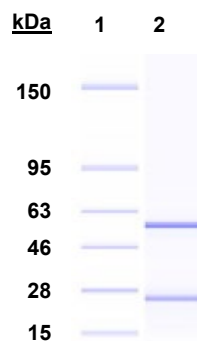
Lot: 70023608

Manufacturing Date: 17OCT2018

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	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); 92.6% pure
Concentration by Spectrophotometer at OD ₂₈₀	≥ 1.0 mg per mL	0.7 mg per mL ¹
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-51194.	Reactive	Reactive (Figure 2)
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

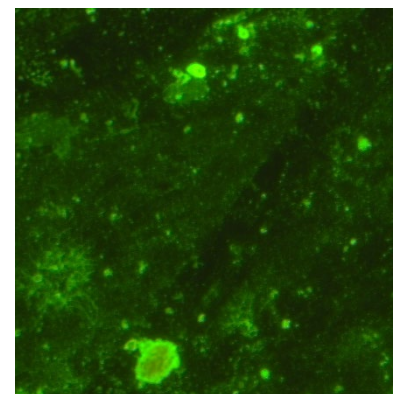
¹Concentration is below specification. Please contact BEI Resources if you have any questions.

Figure 1: Agilent® Protein 230 Analysis



Lane 1: Agilent® Protein 230 Ladder
Lane 2: NR-51194

Figure 2: Indirect Fluorescent Antibody Assay



/Heather Couch/

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17 JUN 2020

Program Manager or designee, ATCC Federal Solutions

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