

Monoclonal Anti-Influenza A Virus H7 Hemagglutinin (HA), A/Shanghai/1/2013 (H7N9) Clone 1A8 (produced *in vitro*)

Catalog No. NR-51191

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

Product Description:

Antibody Class: IgG1k

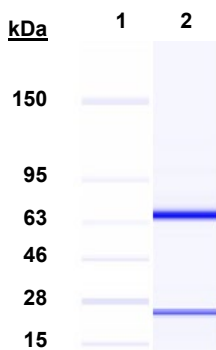
Mouse monoclonal antibody against hemagglutinin from influenza virus, A/Shanghai/1/2013 (H7N9) was purified by protein G affinity chromatography from hybridoma (BEI Resources NRC-51191 lot 70016815 adapted to serum-free media) supernatant.

Lot: 70016880

Manufacturing Date: 19SEP2018

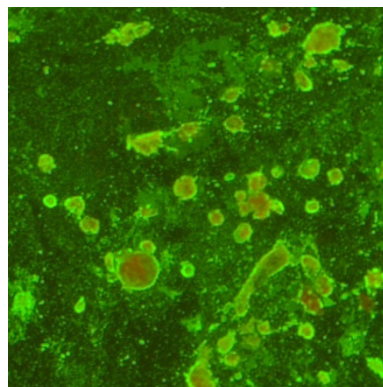
TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG1k
Agilent® Protein 230 Analysis	Correct molecular weight (MW) for heavy and light chains; Report purity	Correct molecular weight (MW) for heavy and light chains (Figure 1); 98.5% pure
Concentration by Spectrophotometer at OD ₂₈₀	≥ 1.0 mg per mL	0.8 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-51191	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-51191

Figure 2: Indirect Fluorescent Antibody Assay



/Heather Couch/

Heather Couch

10 FEB 2020

Program Manager or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

