

Monoclonal Anti-Influenza A Virus H7 Hemagglutinin (HA), A/Shanghai/1/2013 (H7N9) Clone 1B2 (produced *in vitro*)

Catalog No. NR-51192

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

Product Description:

Antibody Class: IgG1

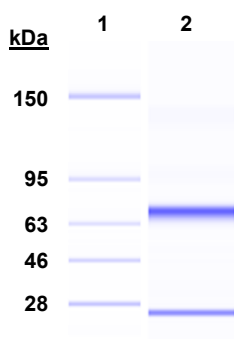
Mouse monoclonal antibody against hemagglutinin from influenza virus, A/Shanghai/1/2013 (H7N9) was purified by protein G affinity chromatography from hybridoma (BEI Resources NRC-51192 lot 70016816 adapted to serum-free media) supernatant.

Lot: 70023606

Manufacturing Date: 21SEP2018

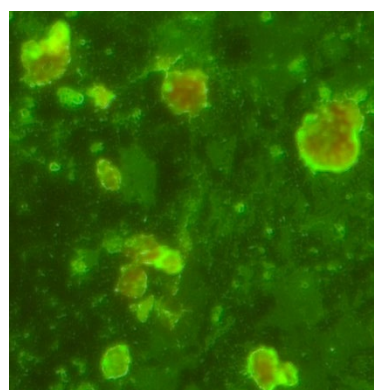
TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG1	IgG1k
Agilent® Protein 230 Analysis	Correct molecular weight (MW) for heavy and light chains; Report purity	Correct molecular weight (MW) for heavy and light chains (Figure 1); 99% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	0.9 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-51192	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-51192

Figure 2: Indirect Fluorescent Antibody Assay



/Heather Couch/

Heather Couch

02 APR 2020

Program Manager or designee, ATCC Federal Solutions

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