

Monoclonal Anti-Influenza A Virus Hemagglutinin (HA), Clone IC5-4F8 (produced *in vitro*)

Catalog No. NR-48783

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

Product Description: Antibody Class: IgG3k

Mouse monoclonal antibody specific to native hemagglutinin from influenza A virus, A/Puerto Rico/8/1934 (H1N1) was purified from hybridoma supernatant by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of SP2/0 myeloma cells with immunized mouse splenocytes.

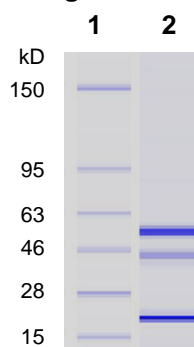
Lot: 70011742

Manufacturing Date: 15FEB2018

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG3k	IgG3k
Agilent Protein 230 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 83.2% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	0.8 mg per mL
Functional Activity Indirect fluorescent antibody assay ¹	Report results	Fluorescence observed (Figure 2)
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

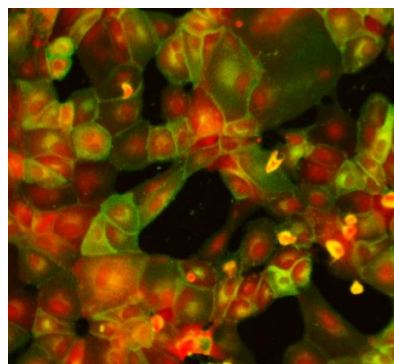
¹Using influenza A virus, A/Puerto Rico/8/1934 (BEI Resources NR-348)-infected MDCK cells (ATCC® CCL-34™) and a 1:300 dilution of NR-48783

Figure 1: Agilent® Protein 230 Analysis



Lane 1: Agilent® Protein 230 Ladder
Lane 2: NR-48783

Figure 2: Indirect Fluorescent Antibody Assay



05 JUN 2018

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.

