

**Monoclonal Anti-Influenza Virus H1 Hemagglutinin (HA), A/California/04/2009 (H1N1)pdm09, Clone 3A7 (produced *in vitro*)**

**Catalog No. NR-42018**

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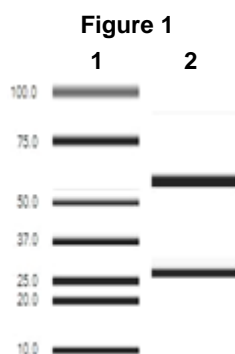
**Product Description:** Mouse monoclonal antibody prepared against the H1 hemagglutinin (HA) protein of the A/California/04/2009 (H1N1)pdm09 strain of influenza virus was purified from clone 3A7 hybridoma supernatant by protein G affinity chromatography.

**Lot: 70007930**

**Manufacturing Date: 16AUG2017**

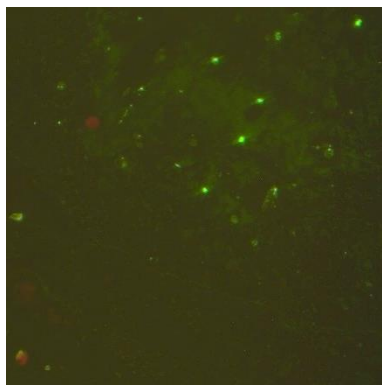
TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG2ak	IgG2ak
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 97.8% pure
Concentration by Spectrophotometer at OD <sub>280</sub>	Report results	1.5 mg per mL
Functional Activity Indirect Immunofluorescence Assay with A/California/04/2009 (H1N1)pdm09-infected MDCK cells <sup>1</sup> (Figure 2)	Fluorescence observed	Fluorescence observed
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

<sup>1</sup>MDCK cells (ATCC® CCL-34™) were infected with influenza virus A/California/04/2009 (H1N1)pdm09 (BEI Resources NR-13658) at an MOI of 0.01 and stained 7 days later with NR-42018 at dilutions of 1:100 and 1:500, followed by FITC-conjugated goat anti-mouse IgG F(ab')<sub>2</sub> fragment (Millipore 5008).



Lane 1: MW Markers (kDa)  
Lane 2: NR-42018

Figure 2



NR-42018, 1:500 dilution

**Date:** 22 SEP 2017

**Signature:** *Michael R. Cyphers*

BEI Resources Authentication

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.

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