

**Monoclonal Anti-Influenza Virus H9 Hemagglutinin (HA) Protein (18G4), A/duck/Hong Kong/Y280/1997 (H9N2), (ascites, Mouse)**

**Catalog No. NR-9495**

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

**Product Description:**

Mouse monoclonal antibody specific to a recombinant form of the H9 hemagglutinin (HA) protein of the A/duck/Hong Kong/Y280/1997 (H9N2) strain of influenza virus was produced in mouse ascites. Sodium azide (0.02%) and gentamycin (0.01%) were added to the pooled ascites fluid prior to vialing and lyophilization.

**Lot: 58075016**

**Manufacturing Date: 28DEC2007**

TEST	SPECIFICATIONS	RESULTS
<b>Antibody Class</b>	Report results	IgG2b. κ
<b>Functional Activity<sup>1</sup></b> Hemagglutination inhibition (HI) titer with A/duck/Hong Kong/Y280/1997 (H9N2)	Report results	1:6400
HI assay with reference antigens representing all 16 HA subtypes	Specific to H9 HA subtype	Specific to H9 HA subtype
HI titers with H9 HA influenza viruses		
Eurasian avian		
Korea-like lineage		
A/chicken/Korea/25232-96006/1996 (H9N2)	Report results	< 1:100
G1-like lineage		
A/quail/Hong Kong/G1/1997	Report results	< 1:100
A/Hong Kong/1073/1999	Report results	1:100
Chicken Beijing-like subgroup 1		
A/chicken/Beijing/1/1994 (H9N2)	Report results	1:100
A/Hong Kong/2108/2003 (H9N2)	Report results	< 1:100
Chicken Beijing-like subgroup 2		
A/chicken/Hong Kong/G9/1997 (H9N2)	Report results	1:25600
A/chicken/Hong Kong/FY23/2003 (H9N2)	Report results	1:25600
North American avian <sup>2</sup>		
A/shorebird/Delaware/554/2007 (H9N2)	Report results	< 1:100
Other viruses		
A/ostrich/South Africa/9508103/1995 (H9N2)	Report results	< 1:100
A/chicken/Pakistan/2/1999 (H9N2)	Report results	1:200
A/turkey/Shadmot Dvorah/1567/2004 (H9N2)	Report results	1:1600
A/falcon/United Arab Emirates/897/2007 (H9N2)	Report results	< 1:100
A/chicken/Hebei/3/1998 (H9N2)	Report results	1:6400
A/chicken/Hong Kong/FY313/2000 (H9N2)	Report results	1:12800
<b>Sterility</b>	Report results	Low bioburden

<sup>1</sup>HI assays were performed in microtiter plates with 0.5% chicken red blood cells.

<sup>2</sup>No reactivity was observed with several viruses of North American lineage; only one is shown as an example.

**Date:** 03 NOV 2014

**Signature:** 

**Title:** Technical Manager, BEI Authentication or designee

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