

Monoclonal Anti-Influenza A Virus Polymerase Basic Subunit 1 (PB1), Clone F5-19 (produced *in vitro*)

Catalog No. NR-31691

Product Description: Antibody Class: IgG1k

Mouse monoclonal antibody prepared against the polymerase basic subunit 1 (PB1) of influenza A virus was purified from clone F5-19 hybridoma supernatant by protein G affinity chromatography.

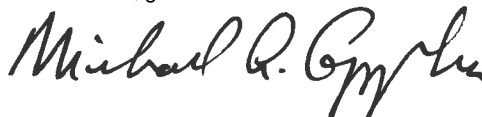
Lot: 60812406

Manufacturing Date: 01JUN2012

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG1k
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains 96.0% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	1.11 mg/mL
Functional Activity by ELISA ¹ Binding to: Polymerase Complex PB1 subunit	Report results Report results	156250 156250
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

¹Test performed by T. Takimoto, contributor, as described in MacDonald, L. A., et al. "Molecular Interactions and Trafficking of Influenza A Virus Polymerase Proteins Analyzed by Specific Monoclonal Antibodies." *Virology* 426 (2012): 51-59. PubMed: 22325937. Purified viral antigens used were recombinant baculovirus-expressed proteins from influenza virus A/chicken/Nanchang/3-120/2001 (H3N2). Result reported is the endpoint titer, i.e. – the highest dilution of the purified antibody that gave a signal above background.

Date: 24 APR 2013

Signature: 

Title: Technical Manager, BEI Authentication or designee

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