

Certificate of Analysis for NR-31687

Monoclonal Anti-Influenza A Virus Polymerase Acidic Subunit (PA), Clone F4-296 (produced *in vitro*)

Catalog No. NR-31687

Product Description: Antibody Class: IgG1k

Mouse monoclonal antibody prepared against the polymerase acidic subunit (PA) of influenza A virus was purified from clone F4-296 hybridoma supernatant by protein G affinity chromatography.

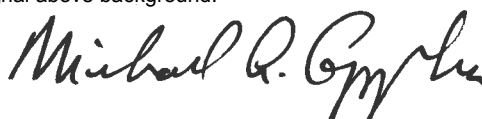
Lot: 60812412

Manufacturing Date: 19APR2012

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 99.8% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	0.83 mg/mL
Functional Activity by ELISA ¹ Binding to: Polymerase Complex PA 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: 23 APR 2013

Signature: 

Title: Technical Manager, BEI Authentication or designee

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