

# Monoclonal Pan Anti-Influenza A Virus Nucleoprotein (NP) (produced *in vitro*)

Catalog No. NR-59597

Sino Biological Catalog No. 40205-MM18

## Product Description:

Antibody Class: IgG2b

Clone: 18

Mouse monoclonal antibody prepared against the nucleoprotein (NP) of influenza A virus was purified from hybridoma supernatant by protein A affinity chromatography. The B cell hybridoma was generated by the fusion of mouse myeloma cells with splenocytes from mice immunized with purified recombinant Influenza A H1N1 (A/California/07/2009) NP protein (Sino Biological Cat # 40205-V08B; GenPept: [ACS94534.1](#); Met1-Ser498).

Lot: MA15JL1901

Manufacturing Date: 19JUL2021

TEST	SPECIFICATIONS	RESULTS
Concentration	Report results	1.07 mg/mL
Functional Activity <sup>1</sup> Western blot analysis ELISA Sandwich ELISA	Report results Report results Report results	Reactive <sup>2</sup> Reactive <sup>3</sup> Reactive <sup>4</sup>
Sterility	0.2 µm filter-sterilized	0.2 µm filter-sterilized

<sup>1</sup>Optimal concentration/dilution should be determined by the end user.

<sup>2</sup>Recommended concentration is 0.2 to 2 µg/mL of NR-59597.

<sup>3</sup>Recommended concentration is 0.5 to 1 µg/mL of NR-59597.

<sup>4</sup>Recommended concentration is 0.1 to 1 µg/mL of NR-59597. In a sandwich ELISA, NR-59597 can be used as a detection antibody when paired with rabbit pan Influenza A nucleoprotein antibodies (Sino Biological 40208-R117 (BEI Resources NR-59596) and Sino Biological 40205-R063).

/Sonia Bjorum Brower/

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29 SEP 2023

Technical Manager or designee, ATCC Federal Solutions

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