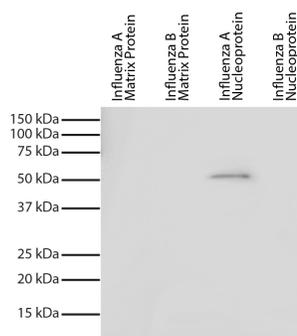


## Mouse Anti-Influenza A, Nucleoprotein

Cat. No.	Format	Size
10770-01	Purified (UNLB)	0.5 mg



Recombinant influenza proteins were resolved by electrophoresis, transferred to PVDF membrane, and probed with Mouse Anti-Influenza A, Nucleoprotein-UNLB (SB Cat. No. 10770-01). Proteins were visualized using Goat Anti-Mouse IgG, Human ads-HRP (SB Cat. No. 1030-05) and chemiluminescent detection.

### Overview

<b>Clone</b>	FluA-NP 2C9
<b>Isotype</b>	Mouse (BALB/c) IgG <sub>2a</sub> K
<b>Immunogen</b>	Recombinant influenza virus type A nucleoprotein
<b>Specificity</b>	Influenza virus type A nucleoprotein
<b>Alternate Name(s)</b>	NP

### Description

Influenza virus type A nucleoprotein, also known as NP, is composed of a 498 amino acid sequence and is type-specific in influenza viruses. The NP encapsulates the virus genome to form a ribonucleoprotein (RNP) particle for the purposes of transcription and packaging. This clone can be paired as a capture antibody for ELISA with clone FluA-NP 4F1 (SB Cat. No. 10780-05).

### Applications

ELISA – Quality tested  
 IHC-FS – Reported in literature <sup>1</sup>  
 WB <sup>2</sup>

### Working Dilutions

<b>ELISA</b>	Purified (UNLB) antibody	≤ 5 µg/mL
<b>Immunoblotting</b>	Purified (UNLB) antibody	≤ 10 µg/mL
<b>Other Applications</b>	Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.	

### Handling and Storage

- The purified (UNLB) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- Reagent is stable for the period shown on the label if stored as directed.

### References

- Nam J, Kim E, Song D, Choi YK, Kim J, Poo H. Emergence of mammalian species-infectious and -pathogenic avian influenza H6N5 virus with no evidence of adaptation. *J Virol.* 2011; 85: 13271-7. (IHC-FS)
- SouthernBiotech published data (WB)

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