SouthernBiotech

Mouse Anti-Influenza B, Nucleoprotein

Cat. No.	Format	Size
10890-01	Purified (UNLB)	0.5 mg
10890-05	Horseradish Peroxidase (HRP)	1.0 mL

Recombinant influenza proteins were resolved by electrophoresis, transferred to PVDF membrane, and probed with Mouse Anti-Influenza B, Nucleoprotein-HRP (SB Cat. No. 10890-05). Proteins were visualized with chemiluminescent detection.
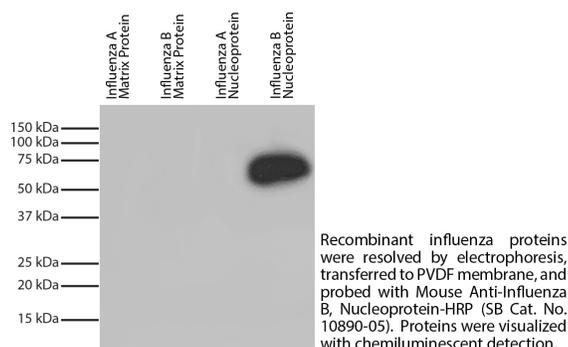
Overview

Clone	1H7a
Isotype	Mouse (BALB/c) IgG$_1\kappa$
Immunogen	Recombinant influenza virus type B nucleoprotein
Specificity	Influenza virus type B nucleoprotein
Alternate Name(s)	NP

Description

Influenza virus type B nucleoprotein, also known as NP, is composed of a 560 amino acid sequence and is type-specific in influenza viruses. The NP encapsidates the virus genome to form a ribonucleoprotein (RNP) particle for the purposes of transcription and packaging. The monoclonal antibody 1H7a can be paired as a detection antibody for ELISA with clone 3D7 (SB Cat. No. 10885-01).

Applications

ELISA – Quality tested
WB [1]

Working Dilutions

ELISA	HRP conjugate	1:2,000 – 1:8,000
Other Applications	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.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL of stock solution in 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- Reagents are stable for the period shown on the label if stored as directed.

References

1. SouthernBiotech published data (WB)

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