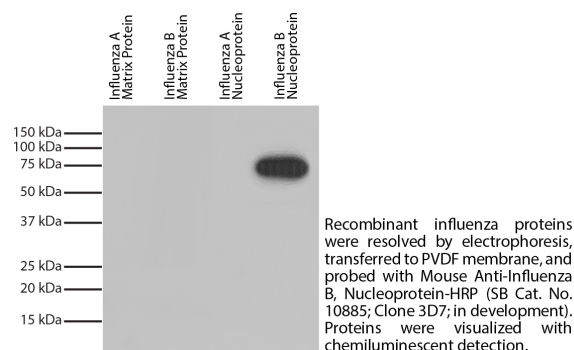


Mouse Anti-Influenza B, Nucleoprotein

Cat. No.	Format	Size
10885-01	Purified (UNLB)	0.5 mg
10885-05	Horseradish Peroxidase (HRP)	1.0 mL



Overview

Clone	3D7
Isotype	Mouse (BALB/c) IgG _{2b} K
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 3D7 can be paired as a capture antibody for ELISA with clone 1H7a (SB Cat. No. 10890-05).

Applications

ELISA – Quality tested
WB¹

Working Dilutions

ELISA	Purified (UNLB) antibody	≤ 5 µg/mL
	HRP conjugate	1:1,000 – 1:4,000
Immunoblotting	Purified (UNLB) antibody	≤ 1 µg/mL
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

- SouthernBiotech published data (WB)

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TB10885
21-Apr-16

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