



Anti-IBV Nucleoprotein Monoclonal antibody, Clone CDI082 (DMAB3820)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Recognizes Influenza B virus. Specific for a nuclear protein.
Target	IBV Nucleoprotein
Immunogen	Hong Kong strain CDC #V4-004
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	IBV
Clone	CDI082
Affinity Constant	Not determined
Purification	90% pure. Protein A chromatography
Conjugate	Unconjugated
Applications	<p>Suitable for use in immunochromatography (lateral flow) and Nuclear staining in IFA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended pairs for sandwich immunoassay:</p> <ul style="list-style-type: none"> • Capture DMAB3820 • Detection DCAB-TJ115

Suggested pair for testing (Capture - Detection): DMAB3820 - [DCAB-TJ115](#)

Format	Purified, Liquid
Concentration	100ug/ml (OD280nm, E0.1% = 1.3)
Size	1 mg
Buffer	0.01M PBS, pH 7.2 This product contains no stabilizing proteins.
Preservative	0.1% Sodium Azide
Storage	Upon receipt, store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	Influenza virus nucleoprotein (NP) is a structural protein which encapsidates the negative strand viral RNA. NP is one of the main determinants of species specificity. The question of how far the NP gene can cross the species barrier by reassortment and become adapted by mutation to the new host has been discussed.
Keywords	Influenza B Virus NP; NP; Nucleocapsid protein; Nucleoprotein; Protein N; Influenza B Virus;