



# Anti-IBV Nucleoprotein Monoclonal antibody, Clone CDI017 (DMAB3819)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Recognizes Influenza B virus. Specific for a nuclear protein.
<b>Target</b>	IBV Nucleoprotein
<b>Immunogen</b>	Hong Kong strain CDC #V4-004
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	IBV
<b>Clone</b>	CDI017
<b>Affinity Constant</b>	Not determined
<b>Purification</b>	90% pure. Protein A chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	<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"> <li>• <b>Capture</b> <a href="#">DMAB3819</a></li> <li>• <b>Detection</b> <a href="#">DCAB-TJ115</a></li> </ul>

Suggested pair for testing (Capture - Detection): DMAB3819 - [DCAB-TJ115](#)

<b>Format</b>	Purified, Liquid
<b>Concentration</b>	1mg/ml (OD280nm)
<b>Size</b>	1 mg
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Upon receipt, store at -20°C. Avoid multiple freeze/thaw cycles.

## BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	Influenza B Virus NP; NP; Nucleocapsid protein; Nucleoprotein; Protein N; Influenza B Virus;