

DATASHEET

Anti-Canine Coronavirus (CCoV) N Protein Mouse Monoclonal Antibody (2B8)

CAT. NO. AXA0032

KEY FEATURES

Target	Canine Coronavirus (CCoV) N Protein	Source / Host	Mouse
Reactivity	CCoV N Protein	Clonality	Monoclonal
Applications	WB,IF/ICC,ELISA	Storage	-20.0°C

BACKGROUND

Canine Coronavirus (CCoV) N Protein is a core nucleocapsid protein of CCoV, responsible for packaging the viral genomic RNA into ribonucleocapsids. It plays key roles in viral replication, assembly, and subgenomic RNA transcription. With high immunogenicity, it serves as an important target for the development of CCoV diagnostic reagents and subunit vaccines.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

Application	Dilution Ratio
WB	1:200-1:1000
IF/ICC	1:500-1:1000
ELISA	1:2000-1:10000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	Mouse Monoclonal antibody to Canine Coronavirus (CCoV) N Protein
Antibody Type	Primary antibody
Isotype	IgG1
Immunogen	CCoV Whole Virus
Form/Buffer	PBS, 20% Glycerol; preservative: 0.05% Sodium Azide
Alternative Names	CCoV N, CCoV NP, Canine coronavirus nucleocapsid protein, CCoV nucleoprotein

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

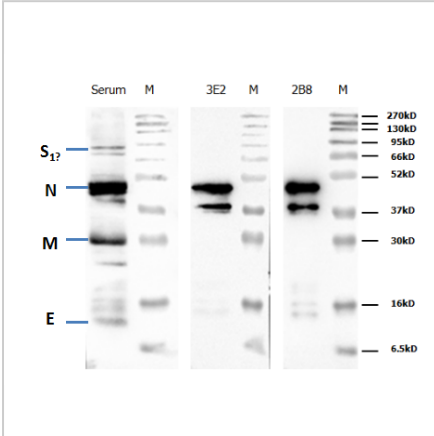
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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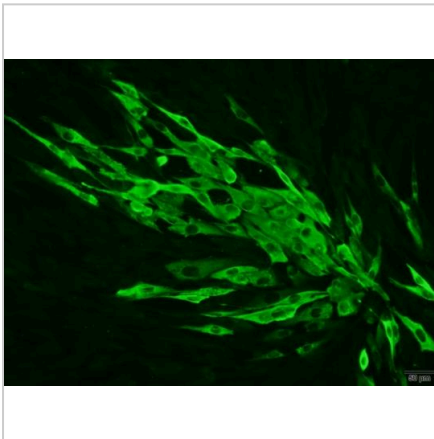
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DATA



The WB results showed that this antibody can effectively recognize the CCoV N protein.



The IFA results indicated that this antibody can effectively recognize CCoV-infected cells.

STORAGE

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com