DATASHEET

Anti-Canine Distemper Virus (CDV) N Protein Mouse Monoclonal Antibody (3E9)

CAT. NO. AXA0037

KEY FEATURES

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

BACKGROUND

Canine Distemper Virus (CDV) N Protein is a core nucleocapsid protein of CDV, responsible for packaging the viral genomic RNA into ribonucleocapsids. It plays key roles in viral replication, assembly, and immune modulation. With high immunogenicity, it serves as an important target for CDV diagnostic reagents and vaccine development.

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 Distemper Virus (CDV) N Protein
Antibody Type	Primary antibody
Isotype	IgG1
Immunogen	CDV Whole Virus
Form/Buffer	PBS, 20% Glycerol; preservative: 0.05% Sodium Azide
Alternative Names	CDV N, CDV NP, CDV nucleoprotein, Canine distemper virus nucleocapsid protein

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

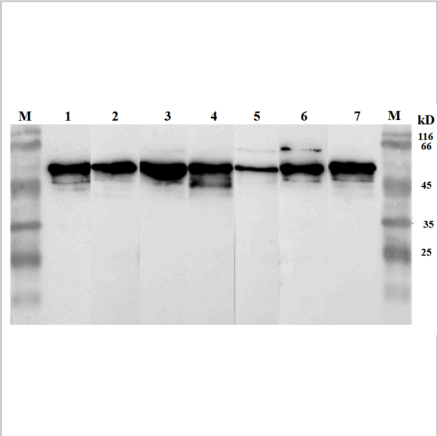
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

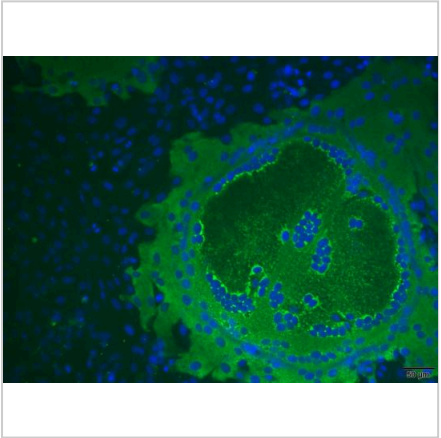
Anti-Canine Distemper Virus (CDV) N Protein Mouse Monoclonal Antibody (3E9)

CAT. NO. AXA0037

DATA



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



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

STORAGE

Shipped at 4℃. Store at -20℃ 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