DATASHEET

Serotype 4 Fowl Adenovirus (FAdV-4) Fiber-2 Protein Mouse Monoclonal Antibody (1C9)

CAT. NO. AXA0025

KEY FEATURES

Target	Serotype 4 Fowl Adenovirus (FAdV-4) Fiber-2 Protein	Source / Host	Mouse
Reactivity	FAdV-C (FAdV-4/10) Fiber-2 Protein	Clonality	Monoclonal
Applications	IFA,WB	Storage	-20.0°C

BACKGROUND

Serotype 4 Fowl Adenovirus (FAdV-4) Fiber-2 Protein is a structural glycoprotein located on the viral capsid surface alongside Fiber-1 it plays a complementary role in viral infection by mediating interactions with host cell receptors that may differ from those targeted by Fiber-1 it possesses unique immunogenic epitopes contributing to the overall immune response against FAdV-4 infection and exhibits distinct structural and functional characteristics compared to Fiber-1 of the same serotype as a specific viral component it serves as a valuable target for the development of serological diagnostic tools and subunit vaccines enhancing the specificity and efficacy of FAdV-4 detection and prevention it also provides insights into the viral tropism and pathogenic mechanisms of FAdV-4 through studies on its binding specificity and biological functions.

APPLICATION

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

Application	Dilution Ratio
WB	1:2000 - 1:5000
IFA	1:500-1:1000
IP	1:1000

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

OVERVIEW

Description	Mouse Monoclonal antibody to Serotype 4 Fowl Adenovirus (FAdV-4) Fiber-2 Protein
Antibody Type	Primary antibody, Monoclonal
Specificity	Recognizes Fiber-2 protein of FAdV-4 and FAdV-10 and reacts with LMH cells infected with either virus.
Isotype	IgG
Immunogen	Prokaryotic expression product GST-Fiber-2 of FAdV-4 Fiber-2 gene
Form/Buffer	Liquid in PBS, 20% Glycerol; preservative: 0.05% Sodium Azide
Alternative Names	FAdV-4 Fiber-2, FAdV4 fiber 2, Fowl adenovirus 4 fiber-2 protein, FAdV-C fiber-2

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

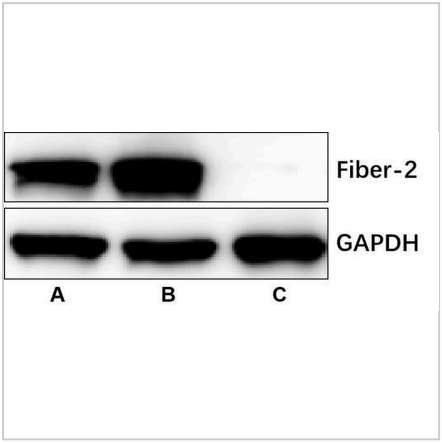
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

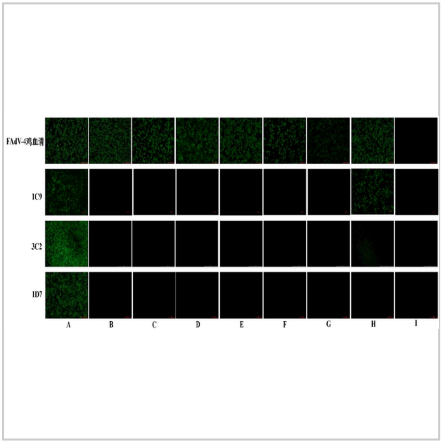
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Western blot analysis using Serotype 4 Fowl Adenovirus (FAdV-4) Fiber-2 Protein Mouse Monoclonal Antibody (1C9) demonstrates recognition of the Fiber-2 protein of FAdV-4 and FAdV-10.



Immunofluorescence analysis using Serotype 4 Fowl Adenovirus (FAdV-4) Fiber-2 Protein Mouse Monoclonal Antibody (1C9) demonstrates recognition of LMH cells infected with FAdV-4 and FAdV-10.

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