DATASHEET

# Serotype 8b Fowl Adenovirus (FAdV-8b) Fiber Protein Mouse Monoclonal Antibody (4D9)

CAT. NO. AXA0028

## KEY FEATURES

| | | | |
|---|---|---|---|
| Target | Serotype 8b Fowl Adenovirus (FAdV-8b) Fiber Protein | Source / Host | Mouse |
| Reactivity | FAdV-8b Fiber Protein | Clonality | Monoclonal |
| Applications | IFA, WB | Storage | -20.0°C |

## BACKGROUND

Serotype 8b Fowl Adenovirus (FAdV-8b) Fiber Protein is a key structural protein of FAdV-8b, a member of the Aviadenovirus genus. It is a protruding fiber-like structure on the viral capsid, playing a crucial role in viral host cell recognition and entry by binding to specific receptors on the surface of host cells. This protein exhibits distinct immunogenic properties, capable of inducing the host to produce specific antibodies, and serves as an important target for the development of FAdV-8b detection methods and subunit vaccines. Its amino acid sequence and functional domains have characteristics that distinguish it from other FAdV serotypes, which are closely related to its host tropism and pathogenicity.

## 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 |

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

## OVERVIEW

| | |
|---|---|
| Description | Mouse Monoclonal antibody to Serotype 8b Fowl Adenovirus (FAdV-8b) Fiber Protein |
| Antibody Type | Primary antibody, Monoclonal |
| Specificity | Reacts with LMH cells overexpressing FAdV-8b Fiber and FAdV-8b-infected LMH cells. The source WB specificity test reports recognition of FAdV-8b Fiber only. |
| Isotype | IgG |
| Immunogen | Prokaryotic expression product GST-Fiber of FAdV-8b Fiber gene |
| Form/Buffer | Liquid in PBS, 20% Glycerol; preservative: 0.05% Sodium Azide |
| Alternative Names | FAdV-8b Fiber, Fowl adenovirus 8b fiber protein, FAdV serotype 8b fiber |

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

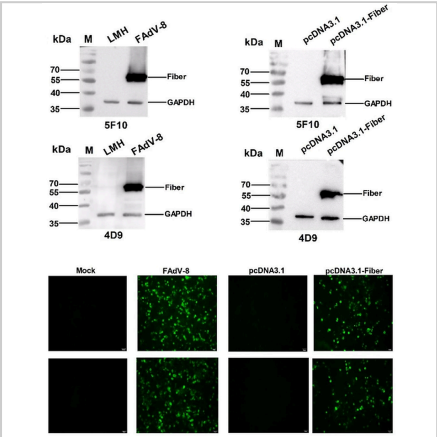
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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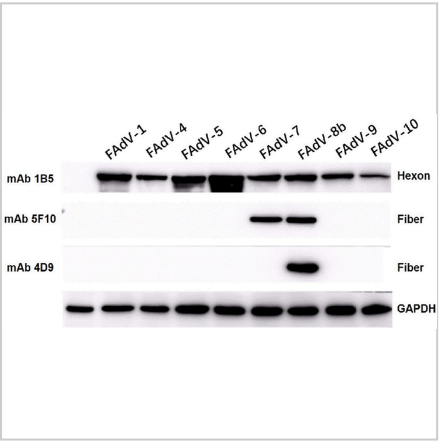
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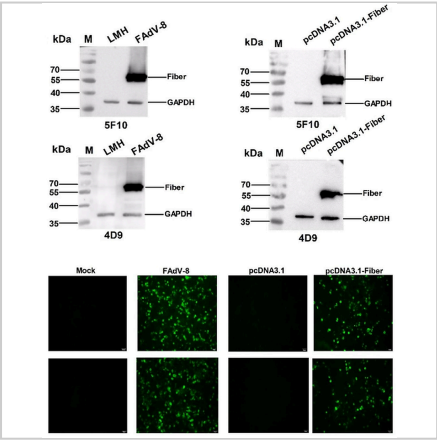
## DATA




Western blot analysis using Serotype 8b Fowl Adenovirus (FAdV-8b) Fiber Protein Mouse Monoclonal Antibody (4D9) and Serotype 8b Fowl Adenovirus (FAdV-8b) Fiber Protein Mouse Monoclonal Antibody (5F10) shows reactivity with LMH cells overexpressing FAdV-8b Fiber and LMH cells infected with FAdV-8b.




Specificity analysis by Western blot using Serotype 8b Fowl Adenovirus (FAdV-8b) Fiber Protein Mouse Monoclonal Antibody (5F10) demonstrates recognition of the Fiber proteins of FAdV-7 and FAdV-8b.




Immunofluorescence analysis using Serotype 8b Fowl Adenovirus (FAdV-8b) Fiber Protein Mouse Monoclonal Antibody (4D9) and Serotype 8b Fowl Adenovirus (FAdV-8b) Fiber Protein Mouse Monoclonal Antibody (5F10) shows reactivity with LMH cells overexpressing FAdV-8b Fiber and LMH cells infected with FAdV-8b.

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## 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