DATASHEET

# Pigeon Adenovirus Type 1 (PiAdV-1) Fiber-2 Protein Mouse Monoclonal Antibody (2B2)

**CAT. NO. AXA0049**

## KEY FEATURES

| | | | |
|---|---|---|---|
| Target | PiAdV-1 Fiber-2 Protein | Source / Host | Mouse |
| Reactivity | PiAdV-1 | Clonality | Monoclonal |
| Applications | WB, IF/ICC, ELISA | Storage | at -20°C |

## BACKGROUND

Fiber-2 is the second fiber protein encoded by pigeon adenovirus 1 (PiAdV-1). The PiAdV-1 reference genome contains distinct fiber-1 and fiber-2 coding regions. Fiber-2 sequence analysis has been used to characterize PiAdV-1 isolates and their genetic relationships. As a viral fiber antigen, it is relevant to studies of PiAdV-1 protein expression and antigenic variation.

## 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 | 1:200 - 1:1000 |
| ELISA | 1:1000 - 1:5000 |

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

## OVERVIEW

| | |
|---|---|
| Description | Pigeon Adenovirus Type 1 (PiAdV-1) Fiber-2 Protein Mouse Monoclonal Antibody (2B2) |
| Antibody Type | Primary antibody, Monoclonal |
| Specificity | Recognizes PiAdV-1 Fiber-2 protein expressed in LMH cells and native Fiber-2 protein in liver homogenate from PiAdV-1-infected pigeons. |
| Isotype | IgG2 |
| Immunogen | PiAdV-1 Fiber-2 protein |
| Form/Buffer | Liquid in PBS, 20% Glycerol; preservative: 0.05% Sodium Azide |
| Alternative Names | PiAdV-1 Fiber-2; Pigeon adenovirus 1 Fiber-2 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.

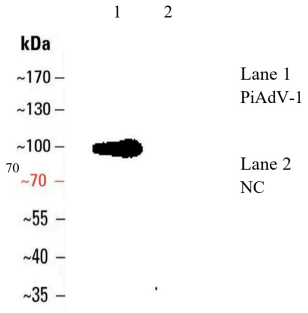
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

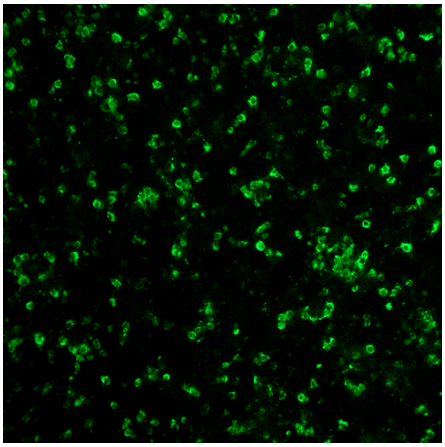
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## DATA




Western blot analysis of pigeon liver homogenate infected with PiAdV-1 using Pigeon Adenovirus Type 1 (PiAdV-1) Fiber-2 Protein Mouse Monoclonal Antibody (2B2). Lane 1: PiAdV-1; lane 2: NC. The source description reports recognition of native Fiber-2 at approximately 100 kDa.



Immunofluorescence analysis of LMH cells expressing PiAdV-1 Fiber-2 protein using Pigeon Adenovirus Type 1 (PiAdV-1) Fiber-2 Protein Mouse Monoclonal Antibody (2B2).

## STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

## NOTE

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

More information: www.arexbio.com