

## DATASHEET

# H-FABP Mouse Monoclonal Antibody(C3610)

CAT. NO. AMA03222

### KEY FEATURES

Target	H-FABP	Source / Host	Mouse
Reactivity	Mouse	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Supplied in crude ascites with 0.01% sodium azide.	Storage	at-20°C

### BACKGROUND

The intracellular fatty acid-binding proteins (FABPs) belongs to a multigene family. FABPs are divided into at least three distinct types, namely the hepatic-, intestinal- and cardiac-type. They form 14-15 kDa proteins and are thought to participate in the uptake, intracellular metabolism and/or transport of long-chain fatty acids. They may also be responsible in the modulation of cell growth and proliferation. Fatty acid-binding protein 3 gene contains four exons and its function is to arrest growth of mammary epithelial cells. This gene is a candidate tumor suppressor gene for human breast cancer. Alternative splicing results in multiple transcript variants.

### APPLICATION

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

WB	1:500 - 1:2000
----	----------------

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

### PRODUCT OVERVIEW

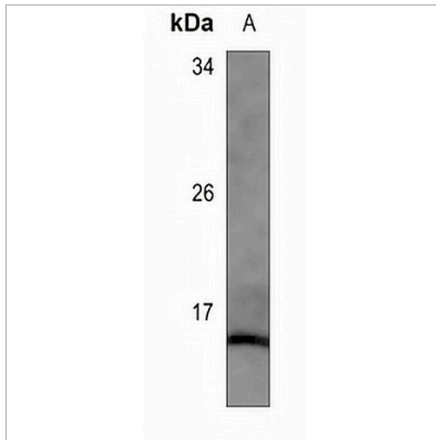
Description	Mouse monoclonal antibody to H-FABP
Specificity	Recognizes endogenous levels of H-FABP protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human H-FABP. The exact sequence is proprietary.
Molecular Weight	Predicted: 14 kD; Observed: 14 kD
Form/Buffer	Mouse IgG1. Supplied in crude ascites with 0.01% sodium azide.
Alternative Names	FABP11; MDGI; Fatty acid-binding protein, heart; Fatty acid-binding protein 3; Heart-type fatty acid-binding protein; H-FABP; Mammary-derived growth inhibitor; MDGI; Muscle fatty acid-binding protein; M-FABP
Gene Symbol	FABP3
Entrez Gene	14077(Mouse)
SwissProt	P11404(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto: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****H-FABP Mouse Monoclonal Antibody(C3610)**

CAT. NO. AMA03222

**DATA**

Western blot analysis of H-FABP expression in mouse heart (A) whole cell lysates.  
(Predicted band size: 14 kD; Observed band size: 14 kD)

**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.