

Datasheet: VMA00102

Description:	MOUSE ANTI H-FABP
Specificity:	H-FABP
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Isotype:	IgG2b
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			1/1000

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Recombinant protein corresponding to amino acids 1-133 of human H-FABP
External Database Links	UniProt: P05413 Related reagents Entrez Gene: 2170 FABP3 Related reagents
Synonyms	FABP11, MDGI
Specificity	Mouse anti Human H-FABP antibody recognizes H-FABP, also known as fatty acid-binding protein 3, fatty acid binding protein 11, fatty acid-binding protein, heart-type fatty acid-binding

protein, mammary-derived growth inhibitor and muscle fatty acid-binding protein.

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. The H-FABP gene contains four exons and its function is to arrest growth of mammary epithelial cells. The H-FABP gene is a candidate tumor suppressor gene for human breast cancer (provided by RefSeq, Jul 2008).

Mouse anti Human H-FABP antibody detects a band of 15 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti H-FABP detects a band of approximately 15 kDa in human heart tissue lysate
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Shelf Life	As supplied, 12 months from date of despatch.
Acknowledgements	PrecisionAb™ is a trademark of Bio-Rad Laboratories.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG2b NEGATIVE CONTROL \(MCA691\)](#)

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Printed on 30 Apr 2018