

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

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. 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 dependent 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	<p>UniProt:</p> <p>P05413 Related reagents</p> <p>Entrez Gene:</p>

Synonyms	FABP11, MDGI
-----------------	--------------

Specificity	<p>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.</p> <p>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).</p> <p>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.</p>
--------------------	---

Western Blotting	Anti H-FABP detects a band of approximately 15 kDa in human heart tissue lysate.
-------------------------	--

Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
----------------	---

Guarantee	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: https://www.bio-rad-antibodies.com/SDS/VMA00102 Antibody (10040)
--------------------------------------	--

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 \(MCA691\)](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M417499:230331'

