

Datasheet: VMA00343

BATCH NUMBER 151215

| | |
|----------------------|------------------------|
| Description: | MOUSE ANTI A-FABP |
| Specificity: | A-FABP |
| Format: | Purified |
| Product Type: | PrecisionAb Monoclonal |
| Isotype: | IgG1 |
| 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 prepared 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 1-132 of human A-FABP expressed in <i>E. coli</i> |
| External Database Links | UniProt: |

Entrez Gene:

[2167](#) FABP4 [Related reagents](#)

Specificity **Mouse anti Human A-FABP antibody** recognizes the fatty acid-binding protein, adipocyte, also known as adipocyte lipid-binding protein, adipocyte-type fatty acid-binding protein, epididymis secretory protein Li 104 and fatty acid-binding protein 4.

Encoded by the FABP4 gene, A-FABP is fatty acid binding protein found in adipocytes. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism (provided by RefSeq, Jul 2008).

Mouse anti Human A-FABP antibody detects a band of 14 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti A-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/VMA00343>
Antibody (10040)

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

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

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

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