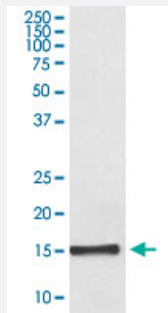


# FABP4 monoclonal antibody, clone AAEF-6

Catalog # MAB20029      Size 100 uL

## Applications



### Western Blot (Tissue lysate)

Western Blot analysis of human fetal heart tissue lysate with FABP4 monoclonal antibody, clone AAEF-6 (Cat # MAB20029).

## Specification

**Product Description** Rabbit monoclonal antibody raised against synthetic peptide of human FABP4.

**Immunogen** A synthetic peptide corresponding to human FABP4.

**Host** Rabbit

**Theoretical MW (kDa)** 14.719

**Reactivity** Human

**Form** Liquid

**Purification** Affinity purification

**Isotype** IgG

**Recommend Usage**

- Immunocytochemistry (1:50-1:200)
- Immunofluorescence (1:50-1:200)
- Immunohistochemistry (1:50-1:200)
- Western Blot (1:500-1:2000)
- The optimal working dilution should be determined by the end user.

**Storage Buffer** In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

**Storage Instruction**

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

Western Blot analysis of human fetal heart tissue lysate with FABP4 monoclonal antibody, clone AAEF-6 (Cat # MAB20029).

- Immunohistochemistry

- Immunocytochemistry

- Immunofluorescence

## Gene Info — FABP4

**Entrez GeneID**[2167](#)**Protein Accession#**[P15090](#)**Gene Name**

FABP4

**Gene Alias**

A-FABP, aP2

**Gene Description**

fatty acid binding protein 4, adipocyte

**Omim ID**[600434](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

FABP4 encodes the 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]

**Other Designations**

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## Pathway

- [PPAR signaling pathway](#)

## Disease

- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hypertriglyceridemia](#)
- [Insulin Resistance](#)
- [Lymphedema](#)
- [Metabolic Syndrome X](#)
- [Obesity](#)