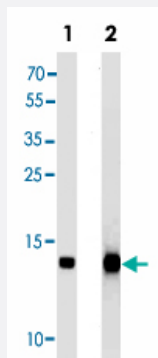


FABP4 monoclonal antibody, clone 1105CT1.1.1

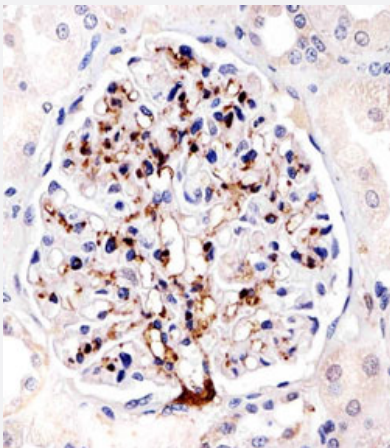
Catalog # MAB12343 Size 400 uL

Applications



Western Blot

Western blot analysis of Lane 1: mouse 3T3-L1 cell line lysates Lane 2: human placenta tissue lysates reacted with FABP4 monoclonal antibody (Cat # MAB12343) at 1:1000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded human kidney section reacted with FABP4 monoclonal antibody (Cat # MAB12343) at 1:25 dilution.

Specification

Product Description	Mouse monoclonal antibody raised against human FABP4.
Immunogen	Recombinant His fusion protein corresponding to human FABP4.
Host	Mouse
Reactivity	Human, Mouse
Form	Liquid

Purification	Protein G purification
Isotype	IgG1
Recommend Usage	Immunohistochemistry (1:25) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to 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

Western blot analysis of Lane 1: mouse 3T3-L1 cell line lysates Lane 2: human placenta tissue lysates reacted with FABP4 monoclonal antibody (Cat # MAB12343) at 1:1000 dilution.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded human kidney section reacted with FABP4 monoclonal antibody (Cat # MAB12343) at 1:25 dilution.

Gene Info — FABP4

Entrez GeneID	2167
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](#)