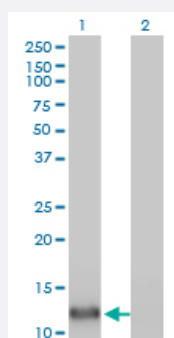


FABP4 monoclonal antibody (M06), clone 4G1

Catalog # H00002167-M06

Size 100 ug

Applications

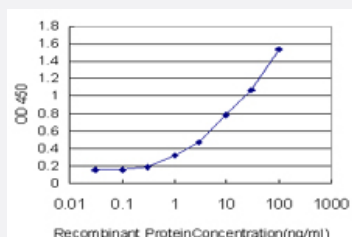


Western Blot (Transfected lysate)

Western Blot analysis of FABP4 expression in transfected 293T cell line by FABP4 monoclonal antibody (M06), clone 4G1.

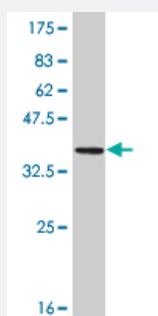
Lane 1: FABP4 transfected lysate (14.7 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FABP4 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (40.26 KDa).

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant FABP4.

Immunogen	FABP4 (AAH03672, 1 a.a. ~ 132 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MCDAFVGTWKLVSSENFDDYMKEVGVGFATRKVAGMAKPNMIISVNGDVITIKSESTFKNTEISFILGQEFDEVTADDRKVKSTITLDGGVLVHVQKWWDGKSTTIKRKREDDKLVVECVMKGVTSRVYER A
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (40.26 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of FABP4 expression in transfected 293T cell line by FABP4 monoclonal antibody (M06), clone 4G1.

Lane 1: FABP4 transfected lysate(14.7 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FABP4 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — FABP4

Entrez GeneID [2167](#)

GeneBank Accession#	BC003672
Protein Accession#	AAH03672
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	-

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](#)