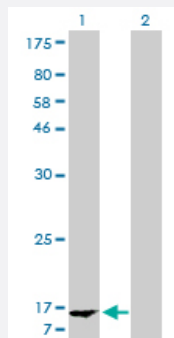


FABP1 monoclonal antibody (M02), clone 5F7

Catalog # H00002168-M02

Size 50 ug

Applications

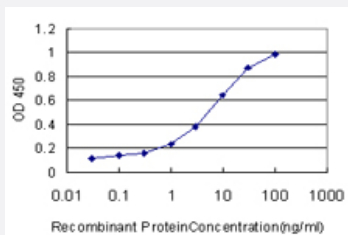


Western Blot (Transfected lysate)

Western Blot analysis of FABP1 expression in transfected 293T cell line by FABP1 monoclonal antibody (M02), clone 5F7.

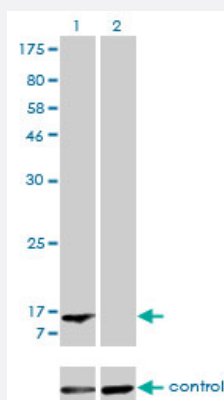
Lane 1: FABP1 transfected lysate (14.2 kDa).

Lane 2: Non-transfected lysate.



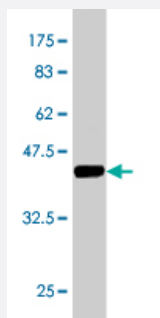
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FABP1 is approximately 0.1 ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of FABP1 over-expressed 293 cell line, cotransfected with FABP1 Validated Chimera RNAi (Cat # H00002168-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with FABP1 monoclonal antibody (M02), clone 5F7 (Cat # H00002168-M02). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (39.71 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant FABP1.
Immunogen	FABP1 (AAH32801, 1 a.a. ~ 127 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSFSGKYQLQSQENFEAFMKAIGLPEELIQKGKDIKGVSEVQNGKHFKFTITAGSKVIQNEFTVGE ECELETMTGEKVKTVVQLEGDNKLVTTFKNIKSVTELNQDIITNTMTLGDIVFKRISKRI
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (39.71 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 FABP1 expression in transfected 293T cell line by FABP1 monoclonal antibody (M02), clone 5F7.

Lane 1: FABP1 transfected lysate(14.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FABP1 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of FABP1 over-expressed 293 cell line, cotransfected with FABP1 Validated Chimera RNAi (Cat # H00002168-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with FABP1 monoclonal antibody (M02), clone 5F7 (Cat # H00002168-M02). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Info — FABP1

Entrez GeneID [2168](#)

GeneBank Accession# [BC032801](#)

Protein Accession# [AAH32801](#)

Gene Name FABP1

Gene Alias FABPL, L-FABP

Gene Description fatty acid binding protein 1, liver

Omim ID [134650](#)

Gene Ontology [Hyperlink](#)

Gene Summary FABP1 encodes the fatty acid binding protein found in liver. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABP1 and FABP6 (the ileal fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. [provided by RefSeq]

Other Designations Fatty acid-binding protein, liver

Pathway

- [PPAR signaling pathway](#)

Disease

- [Atherosclerosis](#)
- [Body Weight](#)
- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Diabetes Mellitus](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipoproteinemias](#)
- [Hypertriglyceridemia](#)
- [Insulin Resistance](#)
- [Intracranial Arteriosclerosis](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Obesity](#)
- [Stroke](#)