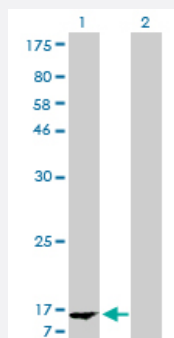


FABP1 monoclonal antibody (M02A), clone 5F7

Catalog # H00002168-M02A

Size 200 uL

Applications

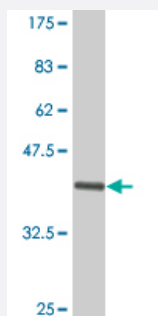


Western Blot (Transfected lysate)

Western Blot analysis of FABP1 expression in transfected 293T cell line by FABP1 monoclonal antibody (M02A), clone 5F7.

Lane 1: FABP1 transfected lysate (14.2 kDa).

Lane 2: Non-transfected lysate.



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	MSFSGKYQLQSQENFEAFMKAIGLPEELIQKGKDIKGVSEIQNGKHFKFTITAGSKVIQNEFTVGE ECELETMTGEKVKT VVQLEGDNKLVTTFKNIKSVTELNGDIITNTMTLGDIVFKRISKRI
Host	Mouse
Reactivity	Human
Isotype	IgM Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (39.71 KDa) .

Storage Buffer

In ascites fluid

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 (M02A), clone 5F7.

Lane 1: FABP1 transfected lysate(14.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

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](#)