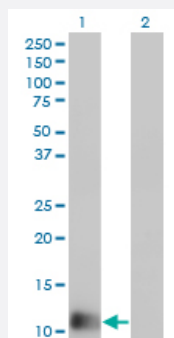


FABP1 monoclonal antibody (M03), clone 6E8

Catalog # H00002168-M03

Size 100 ug

Applications

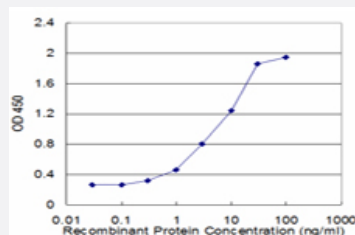


Western Blot (Transfected lysate)

Western Blot analysis of FABP1 expression in transfected 293T cell line by FABP1 monoclonal antibody (M03), clone 6E8.

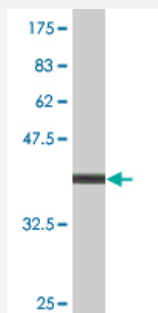
Lane 1: FABP1 transfected lysate (14.2 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FABP1 is approximately 0.3ng/ml as a capture antibody.



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	MSFSGKYQLQSQENFEAFMKAIGLPEELIQKGKDIKGVSEIVQNGKHFKFTITAGSKVIQNEFTVGE ECELETMTGEKVKTVVQLEGDNKLVTTFKNIKSVTELNGDIITNTMTLGDIVFKRISKRI
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 (M03), clone 6E8.

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 0.3ng/ml as a capture antibody.

[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](#)