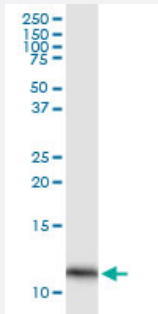


FABP4 monoclonal antibody (M01), clone 2H3-1G10

Catalog # H00002167-M01

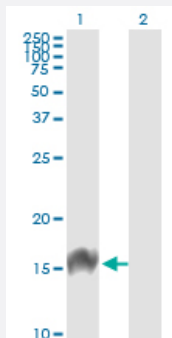
Size 100 ug

Applications



Western Blot (Tissue lysate)

FABP4 monoclonal antibody (M01), clone 2H3-1G10. Western Blot analysis of FABP4 expression in human pancreas.

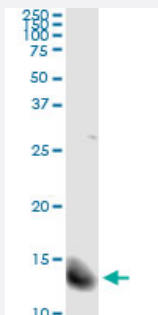


Western Blot (Transfected lysate)

Western Blot analysis of FABP4 expression in transfected 293T cell line by FABP4 monoclonal antibody (M01), clone 2H3-1G10.

Lane 1: FABP4 transfected lysate (Predicted MW: 14.7 KDa).

Lane 2: Non-transfected lysate.

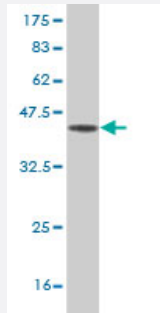
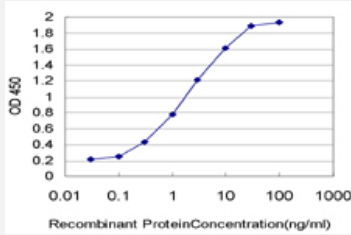


Immunoprecipitation

Immunoprecipitation of FABP4 transfected lysate using anti-FABP4 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with FABP4 MaxPab rabbit polyclonal antibody.

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FABP4 is approximately 0.03ng/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	MCDAFVG TWKLVSSENFDDYMKEVGVGFATRKVAGMAKPNMIISVNGDVITKSESTFKNTEISFILGQEFDEV TADDRKVKSTITLDGGVLVHVQKWDGKSTIKRKREDDKLVEECVMKGV TSTRVYER A
Host	Mouse
Reactivity	Human
Isotype	IgG1 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 (Tissue lysate)

FABP4 monoclonal antibody (M01), clone 2H3-1G10. Western Blot analysis of FABP4 expression in human pancreas.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of FABP4 expression in transfected 293T cell line by FABP4 monoclonal antibody (M01), clone 2H3-1G10.

Lane 1: FABP4 transfected lysate (Predicted MW: 14.7 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of FABP4 transfected lysate using anti-FABP4 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with FABP4 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FABP4 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — FABP4

Entrez GeneID	2167
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GeneBank Accession#	BC003672
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Protein Accession#	AAH03672
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Gene Name	FABP4
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Gene Alias	A-FABP, aP2
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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](#)