



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FABP1 monoclonal antibody (M02), clone 5F7

Catalog # : H00002168-M02

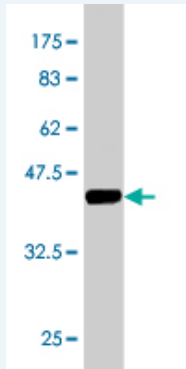
規格 : [50 ug]

[List All](#)

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:	MSFSGKYQLQSQENFEAFMKAIGLPEELIQKGDIKGVSEIVQNGKHFKE TITAGSKVIQNEFTVGEECELETMTGEKVKTWVQLEGDNKLVTTFKNIKSV TELNGDIITNTMTLGDIVFKRISKRI
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.

MSDS: [Download](#)

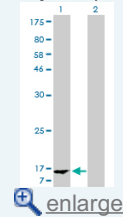
Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

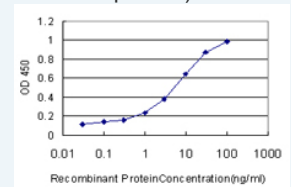
Application Image

Western Blot (Transfected lysate)



Western Blot (Recombinant protein)

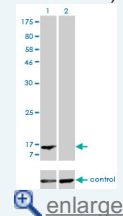
Sandwich ELISA (Recombinant protein)



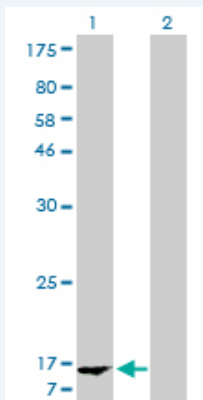
[enlarge](#)

ELISA

RNAi Knockdown (Antibody validated)



[enlarge](#)



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

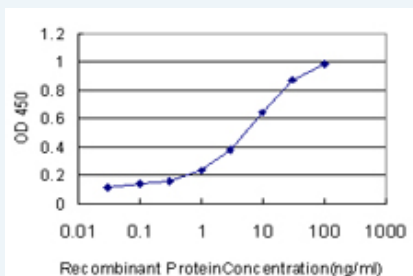
Lane 1: FABP1 transfected lysate(14.2 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)

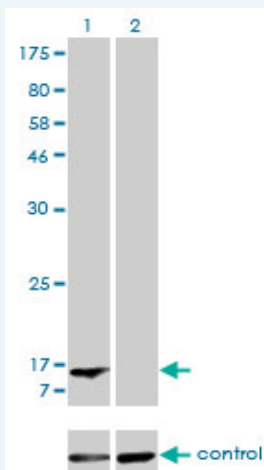


Detection limit for recombinant GST tagged FABP1 is approximately 0.1ng/ml as a capture antibody.

[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 Information

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

Gene Pathway

[PPAR signaling pathway](#)

Related Disease

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[Obesity](#) [Stroke](#)