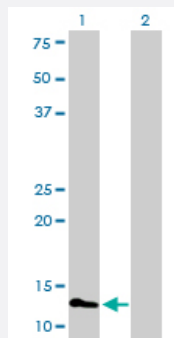


FABP3 monoclonal antibody (M01), clone 4F6-1D6

Catalog # H00002170-M01

Size 100 ug

Applications

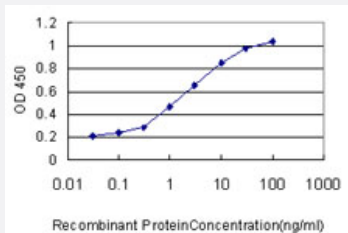


Western Blot (Transfected lysate)

Western Blot analysis of FABP3 expression in transfected 293T cell line by FABP3 monoclonal antibody (M01), clone 4F6-1D6.

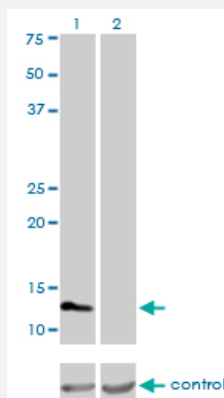
Lane 1: FABP3 transfected lysate (14.9 kDa).

Lane 2: Non-transfected lysate.



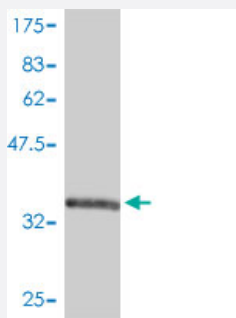
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FABP3 is approximately 0.1 ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of FABP3 over-expressed 293 cell line, cotransfected with FABP3 Validated Chimera RNAi (Cat # H00002170-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with FABP3 monoclonal antibody (M01), clone 4F6-1D6 (Cat # H00002170-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (40.37 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant FABP3.
Immunogen	FABP3 (AAH07021, 1 a.a. ~ 133 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MVDAFLGTWKLVD SKNFDDYMKSLGVGFATRQVASMTKPTTIEKNGDILTRTHSTFKNTEISFKL GVEFDETTADDRKVKSIVTL DGGKLVHLQKW DGGQETTLVRELIDGKLILTLHGTAVCTRTEKEA
Host	Mouse
Reactivity	Human
Isotype	IgG2a kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (40.37 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 FABP3 expression in transfected 293T cell line by FABP3 monoclonal antibody (M01), clone 4F6-1D6.

Lane 1: FABP3 transfected lysate(14.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FABP3 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of FABP3 over-expressed 293 cell line, cotransfected with FABP3 Validated Chimera RNAi (Cat # H00002170-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with FABP3 monoclonal antibody (M01), clone 4F6-1D6 (Cat # H00002170-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Info — FABP3

Entrez GeneID [2170](#)

GeneBank Accession# [BC007021](#)

Protein Accession# [AAH07021](#)

Gene Name FABP3

Gene Alias FABP11, H-FABP, MDGI, O-FABP

Gene Description fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor)

Omim ID [134651](#)

Gene Ontology [Hyperlink](#)

Gene Summary The intracellular fatty acid-binding proteins (FABPs) belongs to a multigene family. FABPs are divided into at least three distinct types, namely the hepatic-, intestinal- and cardiac-type. They form 14-15 kDa proteins and are thought to participate in the uptake, intracellular metabolism and/or transport of long-chain fatty acids. They may also be responsible in the modulation of cell growth and proliferation. Fatty acid-binding protein 3 gene contains four exons and its function is to arrest growth of mammary epithelial cells. This gene is a candidate tumor suppressor gene for human breast cancer. [provided by RefSeq]

Other Designations Fatty acid-binding protein 3, muscle|OTTHUMP00000003898|fatty acid binding protein 11|fatty acid binding protein 3|mammary-derived growth inhibitor

Pathway

- [PPAR signaling pathway](#)

Disease

- [Anorexia Nervosa](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Narcolepsy](#)
- [Schizophrenia](#)