Mouse anti-Human I-FABP Monoclonal Antibody | anti-I-FABP antibody

I-FABP Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320109	**Mouse**	**Human**	**ELISA, Flow Cytometry, Functional Assay, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

I-FABP; Monoclonal Antibody; I-FABP Monoclonal Antibody; Fatty acid-binding protein; intestinal; FABP2; FABPI; Fatty acid-binding protein 2; Intestinal-type fatty acid-binding protein; anti-I-FABP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	I-FABP Monoclonal Antibody detects endogenous levels of I-FABP protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-I-FABP antibody	ELISA, FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human I-FABP expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES

FCM/FACS (Flow Cytometry)
Flow cytometric analysis of LOVO cells using I-FABP Monoclonal Antibody (green) and negative control (purple).

IF (Immunofluorescence)
Immunofluorescence analysis of 3T3-L1 cells using I-FABP Monoclonal Antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded human Small Intestine tissues with AEC staining using I-FABP Monoclonal Antibody.

WB (Western Blot)
Western Blot analysis using I-FABP Monoclonal Antibody against FABP2-hIgGFc transfected HEK293 (1) cell lysate and LOVO (2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-I-FABP antibody	The intracellular fatty acid-binding proteins (FABPs) belong to a multigene family with nearly twenty identified members. 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. Intestinal fatty acid-binding protein 2 gene contains four exons and is an abundant cytosolic protein in small intestine epithelial cells. This gene has a polymorphism at codon 54 that identified an alanine-encoding allele and a threonine-encoding allele. Thr-54 protein is associated with increased fat oxidation and insulin resistance. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-I-FABP antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	119805
NCBI GeneID	2169
UniProt Accession #	P12104; Q2NKJ1
Molecular Weight	132
NCBI Official Full Name	Fatty acid-binding protein, intestinal
NCBI Official Synonym Full Names	fatty acid binding protein 2, intestinal
NCBI Official Symbol	FABP2
NCBI Official Synonym Symbols	FABPI; I-FABP
NCBI Protein Information	fatty acid-binding protein, intestinal; fatty acid-binding protein 2; intestinal-type fatty acid-binding protein
UniProt Protein Name	Fatty acid-binding protein, intestinal
UniProt Gene Name	**FABP2**
UniProt Synonym Gene Names	FABPI; I-FABP
UniProt Entry Name	FABPI_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/i-fabp-antibody-flow-cytometry-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/320109