Mouse FABP2 Monoclonal Antibody | anti-FABP2 antibody

FABP2 antibody

CATALOG #	HOST	APPLICATIONS
AAA74802	**Mouse**	**Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	2C4
Purity/Purification	FABP2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	132
Applicable Applications for anti-FABP2 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	The intracellular fatty acid-binding proteins (FABPs) belong to a multigene family with nearly twenty identifiedmembers. FABPs are divided into at least three distinct types, namely the hepatic-, intestin al- and cardiac-type. Theyform 14-15 kDa proteins and are thought to participate in the uptake, intracellular metabolism and/or transport oflong-chain fatty acids. They may also be responsible in the modulation of cell growth and proliferation. Intestin alfatty acid-binding protein 2 gene contains four exons and is an abundant cytosolic protein in small intestineepithelial cells.
Cross-Reactivity	Human
Immunogen	FABP2 antibody was raised in mouse using a full length recombinant protein of human FABP2 (NP_000125) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemical analysis of FABP2 protein in paraffin embedded Human pancreas tissue using FABP2 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant FABP2 protein (Right) or empty vector (Left) detected with FABP2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-FABP2 antibody	Mouse monoclonal FABP2 antibody
Product Categories/Family for anti-FABP2 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	194097325
NCBI GeneID	2169
NCBI Accession #	NP_000125
NCBI GenBank Nucleotide #	NM_000134.3
UniProt Accession #	P12104; Q2NKJ1
Molecular Weight	15,207 Da
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
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/fabp2-antibody-clone-2c4-western-blot-immunohistochemistry-flow-cytometry-elisa/74802