

Mouse anti-Human FABP1/L-FABP Monoclonal Antibody | anti-FABP1/L-FABP antibody

FABP1/L-FABP

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48283	Mouse	Human	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

FABP1/L-FABP; Monoclonal Antibody; Fatty acid binding protein 1; Fatty acid-binding protein; liver; FABPL; L-FABP; FABP1; fatty acid binding protein 1 liver; anti-FABP1/L-FABP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	2G4
Form/Format	Liquid; In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	127
Applicable Applications for anti-FABP1/L-FABP antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human FABP1/L-FABP (1-127aa) purified from E Coli.
Conjugation	Unconjugated
Preparation and Storage	Can be stored at 2 degree C to 8 degree C for 1 week. For long term storage, aliquot and store at -20 degree C to -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



WB (Western Blot)

The Recombinant protein (50ng) and Cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human FABP1/L-FABP antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.; Lane 1.: Recombinant human FABP1/L-FABP protein; Lane 2.: HepG2 cell lysate; Lane 3.: Mouse Liver tissue lysate



ICC (Immunocytochemistry)

ICC/IF analysis of FABP1/L-FABP in Hep3B cells. The cell was stained (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-FABP1/L-FABP antibody

FABP1 (Fatty acid binding protein1) encodes the fatty acid binding protein found in liver. FABP1 is composed of ten antiparallel beta strands that form a barrel with a bigger binding pocket than the other FABPs allowing it to accommodate two fatty acid. This protein binds free fatty acids and their coenzyme A derivatives, bilirubin, and some other small molecules in the cytoplasm; it may be involved in intracellular lipid transport and metabolism.

Product Categories/Family for anti-FABP1/L-FABP antibody	Cancer; Cardiovascular; Lysates; Metabolism; Other; Signal Transduction
References	Atshaves BP, et al: (2004) Mol Cell Biochem. 259(1-2), 115-29. Nakamura T, et al: (2005) Diabestes Care. 28(11), 2728-32

NCBI AND UNIPROT INFORMATION

NCBI GI #	182358
NCBI GeneID	2168
UniProt Accession #	P07148
NCBI Official Full Name	L-FABP
NCBI Official Synonym Full Names	fatty acid binding protein 1
NCBI Official Symbol	FABP1
NCBI Official Synonym Symbols	FABPL; L-FABP
NCBI Protein Information	fatty acid-binding protein, liver
UniProt Protein Name	Fatty acid-binding protein, liver
UniProt Gene Name	FABP1
UniProt Synonym Gene Names	FABPL; L-FABP
UniProt Entry Name	FABPL_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/fabp1-l-fabp-antibody-clone-2g4-immunofluorescence-immunocytochemistry-western-blot-elisa/48283>