

Mouse Fatty Acid Binding Protein-1 Monoclonal Antibody | anti-FABP1 antibody

Mouse Anti Human Fatty Acid Binding Protein-1

CATALOG # AAA37953	HOST Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

Fatty Acid Binding Protein-1; Monoclonal Antibody; Mouse Anti Human Fatty Acid Binding Protein-1; FABP1 Antibody; Mouse Anti Human; Fatty acid-binding protein 1 liver; L-FABP; FABPL; FABP-1; FABP1; Z-protein; anti-FABP1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1 heavy chain and k light chain
Clone Number	P2G4AT
Purity/Purification	FABP1 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Form/Format	1mg/ml containing PBS, pH-7.4, & 0.02% Sodium Azide.
Sequence Length	127
Applicable Applications for anti-FABP1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Anti-human FABP1 mAb is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human FABP1 amino acids 1-127 purified from E Coli.
Type	Mouse Anti Human Monoclonal
Appearance	Sterile filtered colorless solution
Ig Subclass	Mouse igG ₁ heavy chain and K light chain
Preparation and Storage	For periods up to 1 month store at 4 degree C, for longer periods of time, store at -20 degree C. Prevent freeze thaw cycles. 12 months at -20 degree C. 1 month at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-FABP1 antibody	Introduction: 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 acids. 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 antibody	Monoclonal/Polyclonal Antibodies ; Monoclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557577
NCBI GeneID	2168

NCBI Accession #	NP_001434.1
NCBI GenBank Nucleotide #	NM_001443.2
Molecular Weight	14,208 Da
NCBI Official Full Name	fatty acid-binding protein, liver
NCBI Official Synonym Full Names	fatty acid binding protein 1, liver
NCBI Official Symbol	FABP1
NCBI Official Synonym Symbols	FABPL; L-FABP
NCBI Protein Information	fatty acid-binding protein, liver; fatty acid-binding protein 1; liver-type fatty acid-binding protein
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/fatty-acid-binding-protein-1-antibody-clone-p2g4at-immunohistochemistry-western-blot-elisa/37953>