Mouse anti-Human Heart Fatty Acid Binding Protein (H-FABP)/FABP3 Monoclonal Antibody | anti-FABP3 antibody

Heart Fatty Acid Binding Protein (H-FABP)/FABP3 Mouse Monoclonal Antibody [Clone FABP3/3430]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215638	**Mouse**	**Human**	**Immunohistochemistry**

PRODUCT SYNONYMS

Heart Fatty Acid Binding Protein (H-FABP)/FABP3; Monoclonal Antibody; Heart Fatty Acid Binding Protein (H-FABP)/FABP3 Mouse Monoclonal Antibody [Clone FABP3/3430]; 422 protein; Cardiac Fatty Acid Binding Protein; Fatty acid binding protein 11 (FABP11); Fatty acid binding protein 3; muscle and heart (mammary derived growth inhibitor); H-FABP; Heart type fatty acid binding protein; M FABP; Mammary derived growth inhibitor; MDGI; Muscle fatty acid binding protein; Mylein protein P2 homolog/adopocyte; anti-FABP3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2b, kappa
Clone Number	FABP3/3430
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0. 05% BSA & 0. 05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-FABP3 antibody	IHC (Immunohistochemistry)
Immunogen	Human recombinant FABP3 protein fragment (around aa1-127) (exact sequence is proprietary)
Cellular Localization	Cytoplasm
Positive Control	Human heart or skeletal muscle.
Hu-chromosome Location	2p11.2
Unigene	657242
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES

IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human heart stained with FABP3 Mouse Monoclonal Antibody (FABP3/3430).

ADDITIONAL INFORMATION

Related Product Information for anti-FABP3 antibody	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. Alternative splicing results in multiple transcript variants.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119802
NCBI GeneID	2170
UniProt Accession #	P05413; Q5VV93; Q99957; B2RAB6
Molecular Weight	133
NCBI Official Full Name	Fatty acid-binding protein, heart
NCBI Official Synonym Full Names	fatty acid binding protein 3, muscle and heart
NCBI Official Symbol	FABP3
NCBI Official Synonym Symbols	MDGI; FABP11; H-FABP; M-FABP; O-FABP
NCBI Protein Information	fatty acid-binding protein, heart; fatty acid binding protein 11; mammary-derived growth inhibitor; muscle fatty acid-binding protein; Fatty acid-binding protein 3, muscle; heart-type fatty acid-binding protein
UniProt Protein Name	Fatty acid-binding protein, heart
UniProt Gene Name	**FABP3**
UniProt Synonym Gene Names	FABP11; MDGI; H-FABP; MDGI; M-FABP
UniProt Entry Name	FABPH_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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