ARG10506
anti-H-FABP / Cardiac FABP antibody [28]

Package: 200 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [28] recognizes H-FABP / Cardiac FABP
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	Human heart FABP
Host	Mouse
Clonality	Monoclonal
Clone	28
Isotype	IgG1
Target Name	H-FABP / Cardiac FABP
Species	Human
Immunogen	Balb/c mice immunized with human heart FABP.
Conjugation	Un-conjugated
Alternate Names	FABP11; H-FABP; O-FABP; Heart-type fatty acid-binding protein; MDGI; Fatty acid-binding protein 3; Muscle fatty acid-binding protein; Mammary-derived growth inhibitor; Fatty acid-binding protein, heart; M-FABP

Application Instructions

Application table

Application	Dilution
ELISA	Assay-dependent

Application Note

Sandwich ELISA (Capture antibody - Detection antibody):
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* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Protein A affinity purified.
Buffer	PBS (pH 7.2) and 0.1% Sodium azide
Preservative	0.1 % Sodium azide
Concentration	1.0-2.0 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

	before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 2170 Human Swiss-port # P05413 Human
Gene Symbol	FABP3
Gene Full Name	fatty acid binding protein 3, muscle and heart
Background	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. [provided by RefSeq, Jul 2008]
Function	FABP are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters. [UniProt]
Highlight	Related Antibody Duos and Panels: ARG30196 H-FABP ELISA Antibody Duo Related products: H-FABP antibodies; H-FABP Duos / Panels; Anti-Mouse IgG secondary antibodies;
Research Area	Cell Biology and Cellular Response antibody; Developmental Biology antibody; Metabolism antibody
Calculated Mw	15 kDa