

## ARG10505 anti-H-FABP / Cardiac FABP antibody [22]

Package: 200 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [22] recognizes H-FABP / Cardiac FABP
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	Human heart FABP
Host	Mouse
Clonality	Monoclonal
Clone	22
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): <a href="#">ARG10506</a> - ARG10505  * 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

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Database links	<a href="#">GeneID: 2170 Human</a>  <a href="#">Swiss-port # P05413 Human</a>
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: <a href="#">ARG30196 H-FABP ELISA Antibody Duo</a> Related products: <a href="#">H-FABP antibodies; H-FABP Duos / Panels; Anti-Mouse IgG secondary antibodies;</a>
Research Area	Cell Biology and Cellular Response antibody; Developmental Biology antibody; Metabolism antibody
Calculated Mw	15 kDa