

## Anti-Cardiac FABP Fabp3 Antibody Picoband® (monoclonal, 6C4) FITC Conjugated

Catalog Number: M01734-FITC

### About Fabp3

Heart-type fatty acid binding protein (hFABP), also known as mammary-derived growth inhibitor, is a protein that in humans is encoded by the FABP3 gene. The intracellular fatty acid-binding proteins (FABPs) belong to a multigene family. Fatty acid-binding protein 3 gene contains four exons and its function is to arrest growth of mammary epithelial cells. This gene is also a candidate tumor suppressor gene for human breast cancer. Cardiac-type fatty acid-binding protein (cFABP) from human heart muscle of three individuals was isolated and characterized as pI 5.3-cFABP.

### Overview

Product Name	Anti-Cardiac FABP Fabp3 Antibody Picoband® (monoclonal, 6C4) FITC Conjugated
Reactive Species	Mouse, Rat
Application	Flow Cytometry
Clonality	Monoclonal 6C4
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Mouse
Uniprot ID	P07483

### Technical Details

Immunogen	E. coli-derived rat Cardiac FABP recombinant protein (Position: A2-A133).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Mouse IgG1
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	FITC Excitation Wavelength: 495 nm Emission Wavelength: 525 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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