



Anti-FABP3 monoclonal antibody, clone 4C20 (CABT-BL8444)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Human FABP3
Immunogen	Full length native human FABP3 protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	4C20
Purification	Protein A purification
Conjugate	Unconjugated
Applications	TIA, ELISA
Format	Liquid
Size	50 µl, 100 µl
Buffer	0.22 µM filtered solution of PBS, pH 7.4
Preservative	None
Storage	This antibody is shipped at 4°C. This product is stable for 12 months from date of receipt when stored at -20°C to -70°C. Avoid freeze/thaw cycles.

BACKGROUND

Introduction

Fatty Acid Binding Protein 3 (FABP3) is a 15 KD cytoplasmic protein predominantly expressed in heart, skeletal muscle, brain, and mammary gland. FABP3 transports fatty acids to mitochondria for further oxidation and modulates cell growth and proliferation. FABP3 is quickly released from cardiac myocytes following myocardial ischemia and infarction, detectable in the serum within one to three hours of chest pain. As a result, FABP3 is a sensitive biomarker for myocardial infarction. Recently, FABP3 was found as a candidate tumor suppressor for human breast cancer by arresting cell growth.

GENE INFORMATION

Entrez Gene ID	2170
----------------	----------------------

UniProt ID	P05413
------------	------------------------
