

Product Information

MemDX™ Antibody Discovery - Human FABP2 / I-FABP (2-132) Membrane Protein, Partial,

His- tag

Cat. No.: **MP0069F**

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

This membrane protein is Human FABP2 / I-FABP (2-132). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

FABP2 / I-FABP

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 16.1 kDa. The protein migrates as 15 kDa under reducing (R) condition (SDS-PAGE).

Sequence

AA Ala 2 - Asp 132 (Accession # P12104-1).

Product Description

Application

SDS-PAGE

Expression Systems

E.coli

Tag

His tag at the N-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Purity

>98% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

Target**Target Protein**

FABP2 / I-FABP

Full Name

fatty acid binding protein 2

Introduction

The protein encoded by this gene is an intracellular fatty acid-binding protein that participates in the uptake, intracellular metabolism, and transport of long-chain fatty acids. The encoded protein is also involved in the modulation of cell growth and proliferation. This protein binds saturated long-chain fatty acids with high affinity, and may act as a lipid sensor to maintain energy homeostasis.

Alternative Names

FABPI; I-FABP; fatty acid-binding protein, intestinal; fatty acid binding protein 2, intestinal; intestinal-type fatty acid-binding protein

Gene ID

[2169](#)

UniProt ID

[P12104](#)