

For Research Use Only

# CoraLite® Plus 488-conjugated FABP3 Monoclonal antibody



Catalog Number: CL488-60280

## Basic Information

<b>Catalog Number:</b> CL488-60280	<b>GenBank Accession Number:</b> BC007021	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2170	<b>CloneNo.:</b> 2B5C1
<b>Source:</b> Mouse	<b>Full Name:</b> fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor)	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG2a	<b>Calculated MW:</b> 15 kDa	<b>Excitation/Emission maxima wavelengths:</b> 488 nm / 515 nm
<b>Immunogen Catalog Number:</b> AG21483	<b>Observed MW:</b> 15 kDa	

## Applications

**Tested Applications:**

IF

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

IF : mouse heart tissue,

## Background Information

FABP3 (fatty-acid-binding protein 3), also known as heart-type FABP or mammary-derived growth inhibitor (MDGI), is a small 15-kDa cytoplasmic protein transporting fatty acids and other lipophilic substances from the cytoplasm to the nucleus. It is most ubiquitously expressed in heart and skeletal muscle.

## Storage

**Storage:**

Store at -20°C. Avoid exposure to light.

**Storage Buffer:**

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

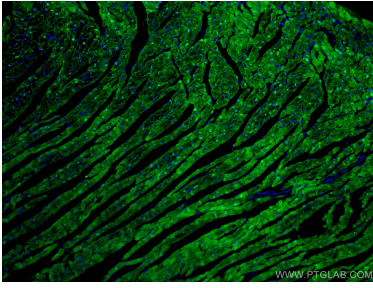
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse heart tissue using CoraLite® Plus 488 FABP3 antibody (CL488-60280, Clone: 2B5C1 ) at dilution of 1:200.