

For Research Use Only

# FABP3 Monoclonal antibody, PBS Only



Catalog Number: 60280-1-PBS

## Basic Information

<b>Catalog Number:</b> 60280-1-PBS	<b>GenBank Accession Number:</b> BC007021	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2170	<b>CloneNo.:</b> 2B5C1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P05413	
<b>Isotype:</b> IgG2a	<b>Full Name:</b> fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor)	
<b>Immunogen Catalog Number:</b> AG21483	<b>Calculated MW:</b> 15 kDa	
	<b>Observed MW:</b> 15 kDa	

## Applications

**Tested Applications:**  
WB, IF, IHC, ELISA

**Species Specificity:**  
human, mouse, rat

## 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

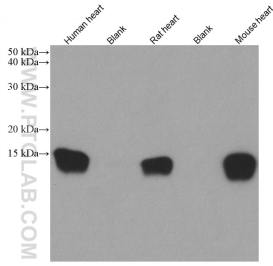
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only

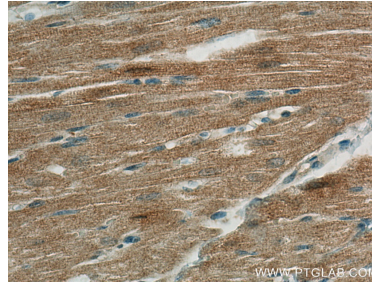
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

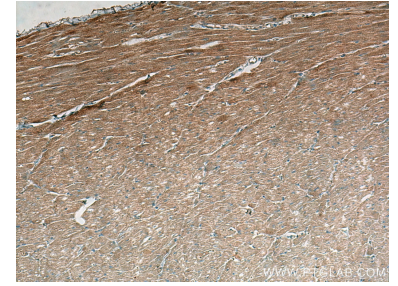
## Selected Validation Data



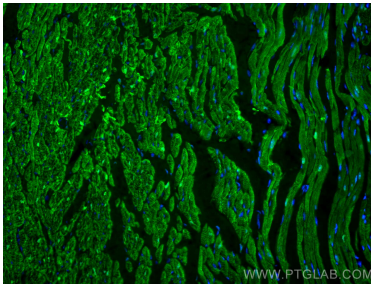
Various lysates were subjected to SDS PAGE followed by western blot with 60280-1-Ig (FABP3 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60280-1-PBS in a different storage buffer formulation.



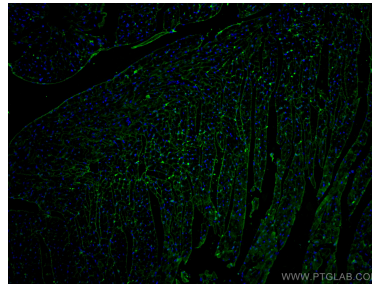
Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 60280-1-Ig (FABP3 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60280-1-PBS in a different storage buffer formulation.



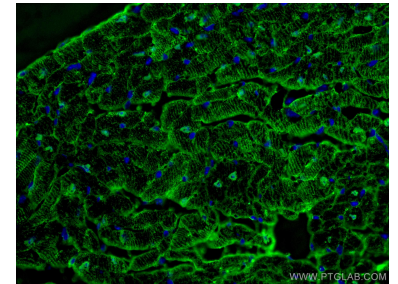
Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 60280-1-Ig (FABP3 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60280-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse heart tissue using FABP3 antibody (60280-1-Ig, Clone: 2B5C1 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 60280-1-PBS in a different storage buffer formulation.



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