

For Research Use Only

FABP3 Monoclonal antibody, PBS Only



Catalog Number: 60280-1-PBS

Basic Information

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

Applications

Tested Applications:
WB, IHC, IF, 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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only

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

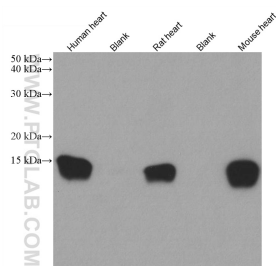
T: 4006900926

E: Proteintech-CN@ptglab.com

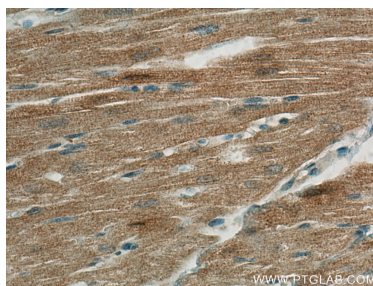
W: ptgcn.com

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

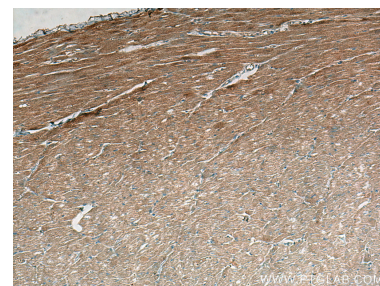
Selected Validation Data



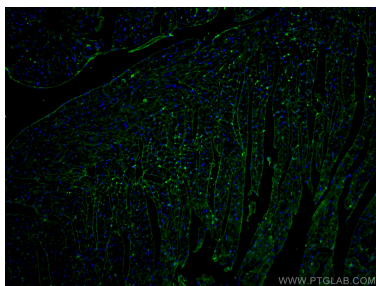
Various lysates were subjected to SDS PAGE followed by western blot with 60280-1-Ig (FABP3 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60280-1-PBS in a different storage buffer formulation.



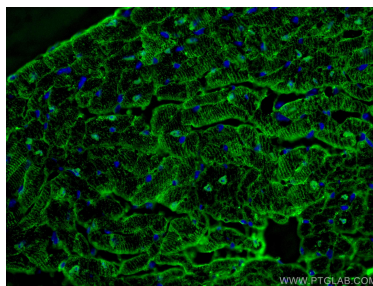
Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 60280-1-Ig (FABP3 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60280-1-PBS in a different storage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



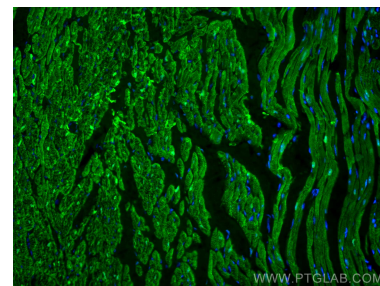
Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 60280-1-Ig (FABP3 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60280-1-PBS in a different storage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