

For Research Use Only

FABP3 Monoclonal ANTIBODY



Catalog Number: 60280-1-Ig **1 Publications**

Basic Information

Catalog Number: 60280-1-Ig	GenBank Accession Number: BC007021	Purification Method: Protein A purification
Size: 150UL, Concentration: 1253 µg/ml by 2170 Bradford method using BSA as the standard;	GeneID (NCBI): 285C1	CloneNo.: 2B5C1
Source: Mouse	Full Name: fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor)	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:1900-1:7600
Isotype: IgG2a	Calculated MW: 15 kDa	
Immunogen Catalog Number: AG21483	Observed MW: 15 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB: human heart tissue, rat heart, mouse heart IHC: human heart tissue,
Cited Applications: IF	
Species Specificity: human, mouse, rat	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Tongyan Liu	31746108	J Cell Mol Med	IF

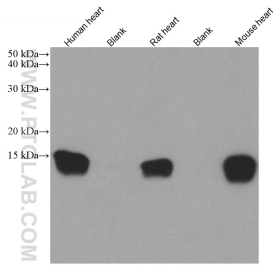
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

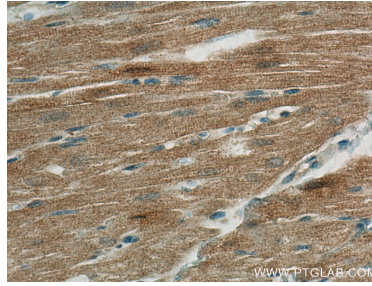
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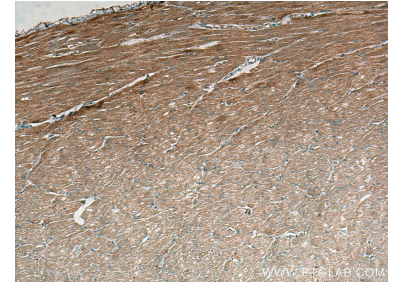
Selected Validation Data



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.



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).



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).