

For Research Use Only

# FABP3 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86511-3-PBS



## Basic Information

Catalog Number:

86511-3-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1069

GenBank Accession Number:

BC007021

GeneID (NCBI):

2170

UNIPROT ID:

P05413

Full Name:

fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor)

Calculated MW:

15 kDa

Observed MW:

15 kDa

Purification Method:

Protein A purification

CloneNo.:

251339C10

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat, pig

## 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, pH7.3

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

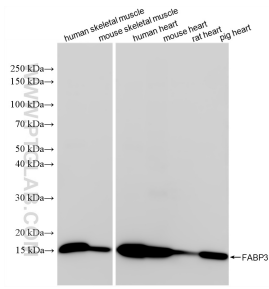
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

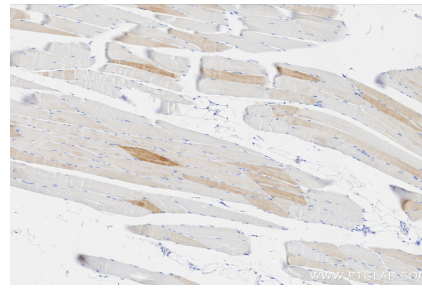
W: [ptgcn.com](http://ptgcn.com)

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

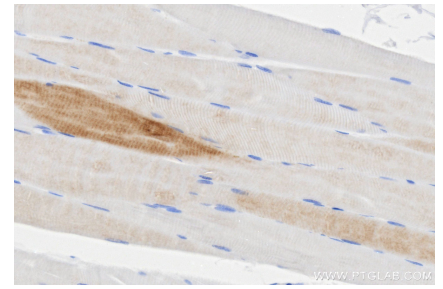
## Selected Validation Data



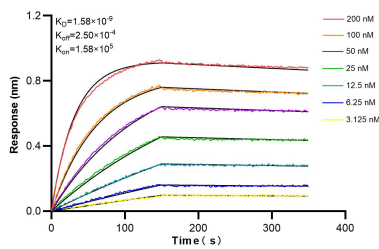
Various lysates were subjected to SDS PAGE followed by western blot with 86511-3-RR (FABP3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86511-3-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 86511-3-RR (FABP3 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86511-3-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 86511-3-RR (FABP3 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86511-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86511-3-RR against Human FABP3 were performed. The affinity constant is 1.58 nM.