

For Research Use Only

# FABP3 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86511-3-PBS



## Basic Information

**Catalog Number:**

86511-3-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**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.

**Storage Buffer:**

PBS only, pH7.3

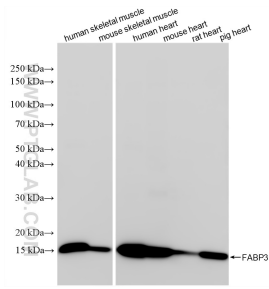
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

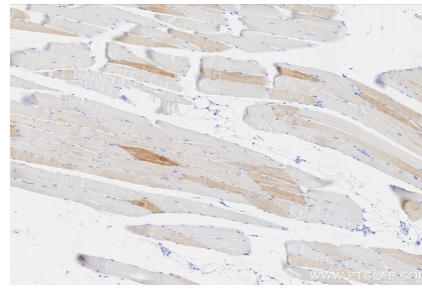
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

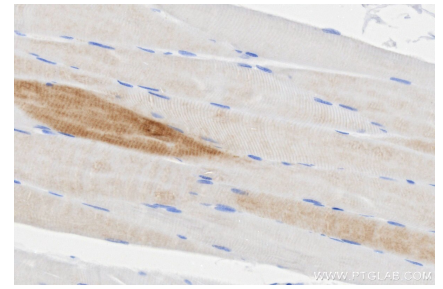
## Selected Validation Data



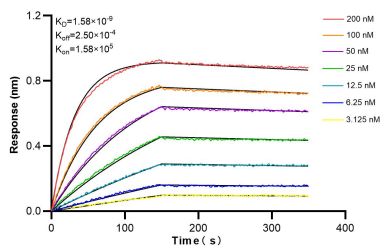
Various lysates were subjected to SDS PAGE followed by western blot with 86511-3-RR (FABP3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86511-3-PBS in a different storage buffer formulation.



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.