

For Research Use Only

# FABP2 Monoclonal antibody, PBS Only

Catalog Number: 67691-1-PBS

Featured Product



## Basic Information

Catalog Number:

67691-1-PBS

Size:

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

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG17620

GenBank Accession Number:

BC069617

GeneID (NCBI):

2169

UNIPROT ID:

P12104

Full Name:

fatty acid binding protein 2, intestinal

Calculated MW:

132 aa, 15 kDa

Observed MW:

15 kDa

Purification Method:

Protein A purification

CloneNo.:

2D11G6

## Applications

Tested Applications:

WB, IHC, IF-P, ELISA

Species Specificity:

Human, mouse, rat, rabbit, pig

## Background Information

FABP2, also known as the intestinal fatty acid binding protein (I-FABP), is expressed in the absorptive intestinal villus cells. It is mainly involved in intracellular transport and intestinal absorption of lipids. FABP2 has been considered a marker of mucosal injury and ischemia and serum I-FABP level is used as a tissue damage indicator. In addition, it is a marker of differentiated intestinal epithelial cells.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only

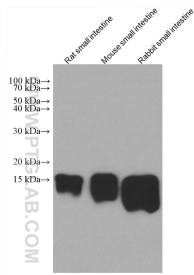
For technical support and original validation data for this product please contact:

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

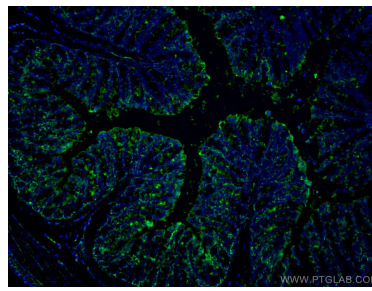
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

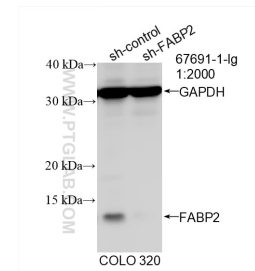
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67691-1-Ig (FABP2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67691-1-PBS in a different storage buffer formulation.



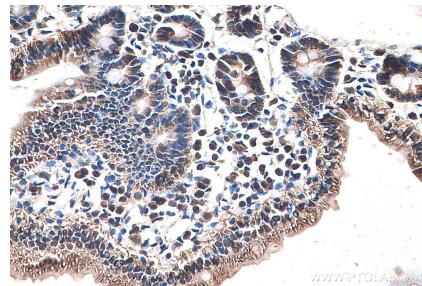
Immunofluorescent analysis of (4% PFA) fixed mouse colon tissue using FABP2 antibody (67691-1-Ig, Clone: 2D11G6) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67691-1-PBS in a different storage buffer formulation.



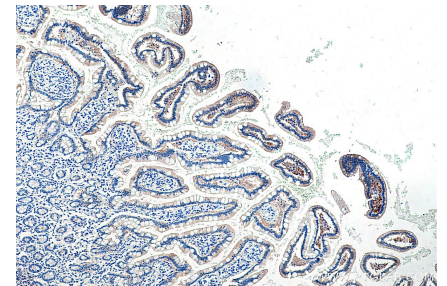
WB result of FABP2 antibody (67691-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FABP2 transfected COLO 320 cells. This data was developed using the same antibody clone with 67691-1-PBS in a different storage buffer formulation.



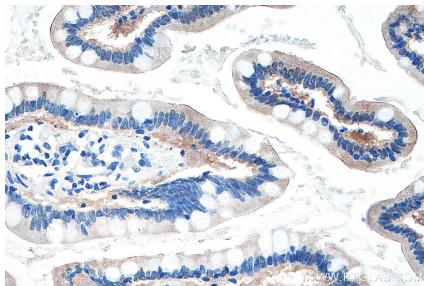
Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using 67691-1-Ig (FABP2 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67691-1-PBS in a different storage buffer formulation.



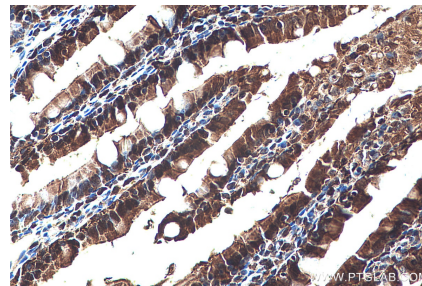
Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using 67691-1-Ig (FABP2 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67691-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 67691-1-Ig (FABP2 antibody) at dilution of 1:8000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67691-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 67691-1-Ig (FABP2 antibody) at dilution of 1:8000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67691-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using 67691-1-Ig (FABP2 antibody) at dilution of 1:8000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67691-1-PBS in a different storage buffer formulation.