

For Research Use Only

CoraLite® Plus 488-conjugated FABP2 Monoclonal antibody

Catalog Number: CL488-67691

Featured Product



Basic Information

Catalog Number:

CL488-67691

Size:

100ul , Concentration: 1000 ug/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 G purification

CloneNo.:

2D11G6

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF-P

Species Specificity:

Human, mouse, rat, rabbit, pig

Positive Controls:

IF-P : mouse colon tissue,

Background Information

FABP2, also known as the intestinal fatty acid binding protein (I-FABP), is expressed in the absorptive intestinal villous 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 -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

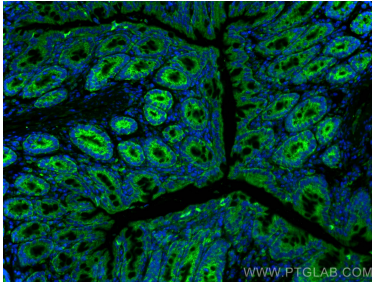
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse colon tissue using CoraLite® Plus 488 FABP2 antibody (CL488-67691, Clone: 2D11G6) at dilution of 1:200.