

For Research Use Only

CoraLite® Plus 647-conjugated FABP2 Monoclonal antibody



Catalog Number:CL647-67691

Basic Information

Catalog Number: CL647-67691	GenBank Accession Number: BC069617	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2169	CloneNo.: 2D11G6
Source: Mouse	Full Name: fatty acid binding protein 2, intestinal I F	Recommended Dilutions: 1:50-1:500
Isotype: IgG1	Calculated MW: 132 aa, 15 kDa	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Immunogen Catalog Number: AG17620	Observed MW: 15 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : mouse colon tissue,
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 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

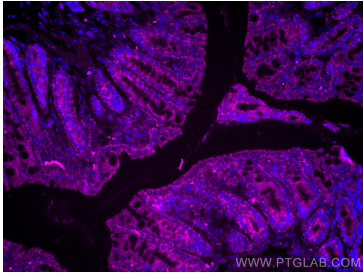
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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)
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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 647 FABP2 antibody (CL647-67691, Clone: 2D11G6) at dilution of 1:200.