

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: 1000 µg/ml	GeneID (NCBI): 2169	CloneNo.: 2D11G6
Source: Mouse	UNIPROT ID: P12104	Recommended Dilutions: IF-P 1:50-1:500
Isotype: IgG1	Full Name: fatty acid binding protein 2, intestinal	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Immunogen Catalog Number: AG17620	Calculated MW: 132 aa, 15 kDa	
	Observed MW: 15 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P : mouse colon tissue,
Species Specificity: Human, mouse, rat, rabbit, pig	

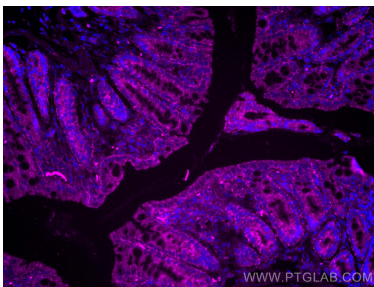
Background Information

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

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.