

# CoraLite® Plus 488-conjugated FABP2 Monoclonal antibody

Catalog Number: **CL488-67691**

## Basic Information

Catalog Number: <b>CL488-67691</b>	GenBank Accession Number: <b>BC069617</b>	Purification Method: <b>Protein G purification</b>
Size: <b>1000 µg/ml</b>	GeneID (NCBI): <b>2169</b>	CloneNo.: <b>2D11G6</b>
Source: <b>Mouse</b>	UNIPROT ID: <b>P12104</b>	Recommended Dilutions: <b>IF-P 1:50-1:500</b>
Isotype: <b>IgG1</b>	Full Name: <b>fatty acid binding protein 2, intestinal</b>	Excitation/Emission maxima wavelengths: <b>493 nm / 522 nm</b>
Immunogen Catalog Number: <b>AG17620</b>	Calculated MW: <b>132 aa, 15 kDa</b>	
	Observed MW: <b>15 kDa</b>	

## Applications

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

## Background Information

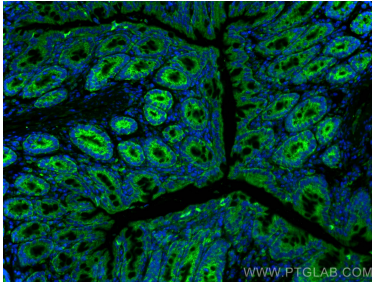
FABP2, also known as the intestinal fatty acid binding protein (I-FABP), is expressed in the absorptive intestinal villous cells. It is mainly involved in intracellular transport and intestinal absorption of lipids. FABP2 has been considered a marker of mucosal injury and ischemia and serum I-FABP level 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 488 FABP2 antibody (CL488-67691, Clone: 2D11G6 ) at dilution of 1:200.