For Research Use Only

FABP2 Monoclonal antibody, PBS Only

Catalog Number:67691-1-PBS

Featured Product



Basic Information	Catalog Number: 67691-1-PBS	GenBank Accession Number: BC069617	Purification Method: Protein G purification
	Concentration: 1mg/ml	GenelD (NCBI): 2169	CloneNo.: 2D11G6
	Source: Mouse	UNIPROT ID: P12104	
	lsotype: lgG1	Full Name: fatty acid binding protein 2, intestinal atalog Number: Calculated MW: 132 aa, 15 kDa Observed MW: 15 kDa	
	Immunogen Catalog Number: AG17620		
Applications	Tested Applications: WB, IHC, IF-P, ELISA		
	Species Specificity: human, mouse, rat, pig, rabbit		
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. The product is shipped with ice pa Storage Buffer: PBS only, pHZ 3	icks. Upon receipt, store it immediatel	ly at −80°C

For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: ptgcn.com

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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-lg, Clone: 2D11G6) at dilution of 1:400 and Coralite@488-Conjugated AffiniPure 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-lg; 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 paraffinembedded mouse small intestine tissue slide using 67691-1-1g (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 paraffinembedded 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 paraffinembedded rat small intestine tissue slide using 67691-1-1g (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 paraffinembedded human small intestine tissue slide using 67691-1-1g (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 paraffinembedded human small intestine tissue slide using 67691-1-1g (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.