

For Research Use Only

# FABP1 Monoclonal antibody, PBS Only



Catalog Number: 68227-1-PBS

## Basic Information

<b>Catalog Number:</b> 68227-1-PBS	<b>GenBank Accession Number:</b> BC032801	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 2168	<b>CloneNo.:</b> 1B6C8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P07148	
<b>Isotype:</b> IgG1	<b>Full Name:</b> fatty acid binding protein 1, liver	
<b>Immunogen Catalog Number:</b> AG32836	<b>Calculated MW:</b> 127 aa, 14 kDa	
	<b>Observed MW:</b> 14 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
Human, pig, mouse, rat

## Background Information

FABP1, liver fatty acid-binding protein, is abundant in cytoplasm that regulates lipid transport and metabolism. It plays a role in lipoprotein-mediated cholesterol uptake in hepatocytes (PMID:25732850). FABP1 is mainly expressed in hepatocytes, enterocytes and to a lesser degree in renal tubular cells, associated with liver injury (PMID: 15653098). Levels of FABP1 was elevated in patients with hepatocyte injury secondary to alcohol or drug toxicity (PMID: 14563446).

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

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

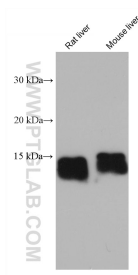
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

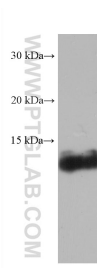
W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68227-1-Ig (FABP1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68227-1-PBS in a different storage buffer formulation.



pig liver tissue were subjected to SDS PAGE followed by western blot with 68227-1-Ig (FABP1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68227-1-PBS in a different storage buffer formulation.