

For Research Use Only

BDH1 Monoclonal antibody, PBS Only



Catalog Number: 67448-1-PBS

Basic Information

Catalog Number: 67448-1-PBS	GenBank Accession Number: BC005844	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 622	CloneNo.: 2C3D4
Source: Mouse	UNIPROT ID: Q02338	
Isotype: IgG1	Full Name: 3-hydroxybutyrate dehydrogenase, type 1	
Immunogen Catalog Number: AG7864	Calculated MW: 38 kDa	
	Observed MW: 31 kDa	

Applications

Tested Applications:
WB, IF, IHC, ELISA

Species Specificity:
Human, Mouse, Rat, Pig

Background Information

BDH1 (3-hydroxybutyrate dehydrogenase, type 1) is a 343 amino acid protein that localizes to the mitochondrial matrix and belongs to the short-chain dehydrogenases/reductases (SDR) family. The deduced 343 amino acid protein contains a 46 residue leader peptide, which is cleaved to produce the mature form. It is a lipid-requiring mitochondrial enzyme with a specific requirement of phosphatidylcholine (PC).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

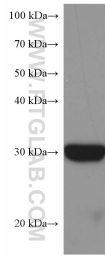
T: 4006900926

E: Proteintech-CN@ptglab.com

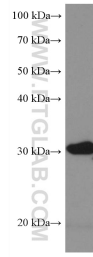
W: ptgcn.com

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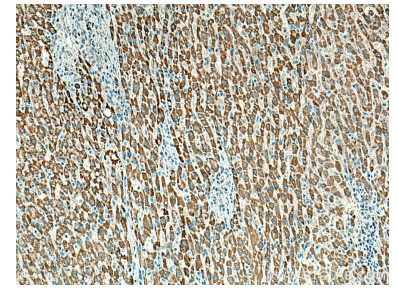
Selected Validation Data



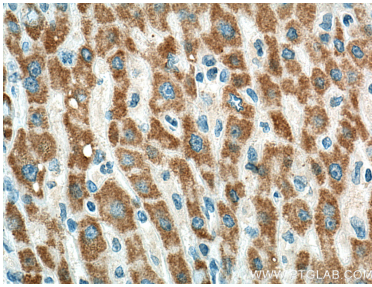
pig liver tissue were subjected to SDS PAGE followed by western blot with 67448-1-Ig (BDH1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67448-1-PBS in a different storage buffer formulation.



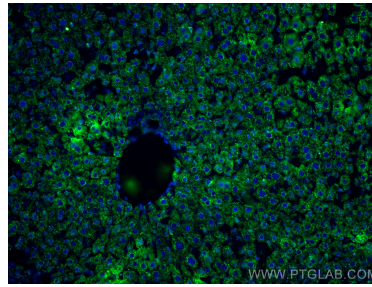
HSC-T6 cells were subjected to SDS PAGE followed by western blot with 67448-1-Ig (BDH1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67448-1-PBS in a different storage buffer formulation.



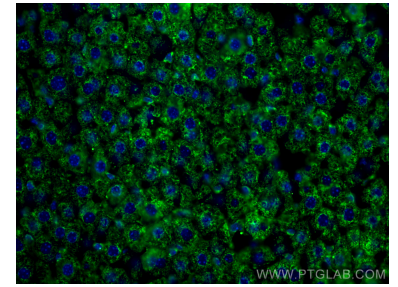
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67448-1-Ig (BDH1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67448-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67448-1-Ig (BDH1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67448-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse liver tissue using BDH1 antibody (67448-1-Ig, Clone: 2C3D4) 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 67448-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse liver tissue using BDH1 antibody (67448-1-Ig, Clone: 2C3D4) 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 67448-1-PBS in a different storage buffer formulation.