

For Research Use Only

CoraLite®594-conjugated BDH1 Monoclonal antibody



Catalog Number:CL594-67448

Basic Information

Catalog Number: CL594-67448	GenBank Accession Number: BC005844	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 622	CloneNo.: 2C3D4
Source: Mouse	Full Name: 3-hydroxybutyrate dehydrogenase, type 1	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 38 kDa	Excitation/Emission maxima wavelengths: 593 nm / 614 nm
Immunogen Catalog Number: AG7864	Observed MW: 31 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : mouse liver tissue,
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

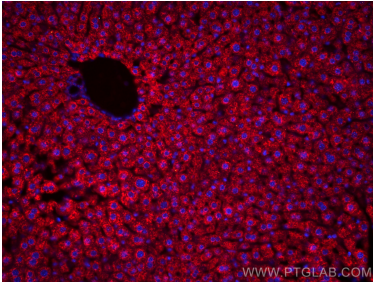
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

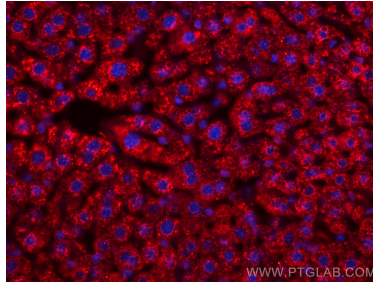
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse liver tissue using CoraLite®594 BDH1 antibody (CL594-67448, Clone: 2C3D4) at dilution of 1:200.



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