

BDH1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4187
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human BDH1 expressed in E. Coli.
Mol wt	38kDa
Species reactivity	Human,Mouse
Clonality	Monoclonal
Recommended application	WB,IHC
Concentration	N/A
Full name	N/A
Synonyms	BDH

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

BDH1 (3-hydroxybutyrate dehydrogenase, type 1), it is a member of the short-chain dehydrogenase/reductase gene family. This protein forms a homotetrameric lipid-requiring enzyme of the mitochondrial membrane and has a specific requirement for phosphatidylcholine for optimal enzymatic activity. It catalyzes the interconversion of acetoacetate and (R)-3-hydroxybutyrate, the two major ketone bodies produced during fatty acid catabolism.

Recommended Dilution

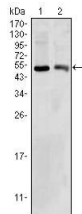
WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

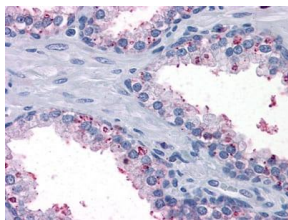
ELISA: 1:10000

Not yet tested in other applications.

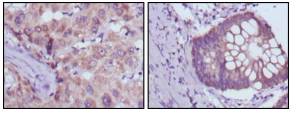
Images



Western blot analysis using BDH1 mouse mAb against HepG2 (1) and NIH/3T3 (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded human Prostate tissues using anti-BDH1 mouse mAb



Immunohistochemical analysis of paraffin-embedded human liver cancer (left) and colorectal cancer tissues (right) using BDH1 mouse mAb with DAB staining.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com