BDH1 Ab

Images(1)

Cat.#: BF0318	Concn.: ~1mg/ml	Mol.Wt.: 38kDa
Size:	Source: Mouse	Clonality: Monoclonal

Application:	ELISA 1:10000, WB 1:500-1:2000, IHC 1:200-1:1000 *The optimal dilutions should be determined by the end user.
Reactivity:	Human,Mouse
Storage:	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.
Purification:	Affinity-chromatography.
Immunogen:	Purified recombinant fragment of human BDH1 expressed in E. Coli.
Uniprot:	Q02338
Description:	BDH1 (3-hydroxybutyrate dehydrogenase, type 1), it is a member of the short-chain dehydrogenase/reductase gene family. This protien 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.

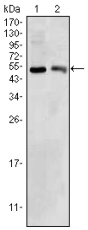

Figure 1: Western blot analysis using BDH1 mouse mAb against HepG2 (1) and NIH/3T3 (2) cell lysate.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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