
BDH1 (1A5) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252963

Unit: 0.1 ml

Description:

BDH1 (3-hydroxybutyrate dehydrogenase, type 1) belongs to 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.

Isotype: Mouse IgG1

Applications: WB, IHC

Species Reactivity: H, M

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: D-beta-hydroxybutyrate dehydrogenase, mitochondrial; BDH; 3-hydroxybutyrate dehydrogenase BDH; BDH1

Accession No.: Q02338

Antigen: Purified recombinant fragment of human BDH1 expressed in *E. coli*.

Application Notes: WB: 1:500-1:2000; IHC: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.