

KD-Validated Anti-BDH2 Mouse Monoclonal Antibody

Mouse monoclonal antibody

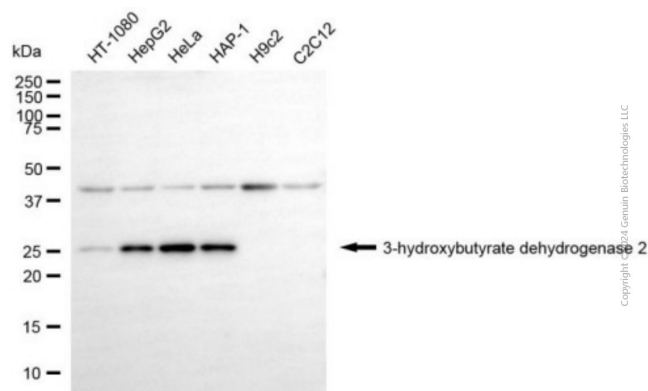
ABG2007

Product Overview

Name	KD-Validated Anti-BDH2 Mouse Monoclonal Antibody
Accession(Primary)	Q9BUT1
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2a
Immunogen	Recombinant protein of human BDH2
Species Reactivity	Human
Calculated MW	Predicted, 27 kDa, observed, 27 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:1,000

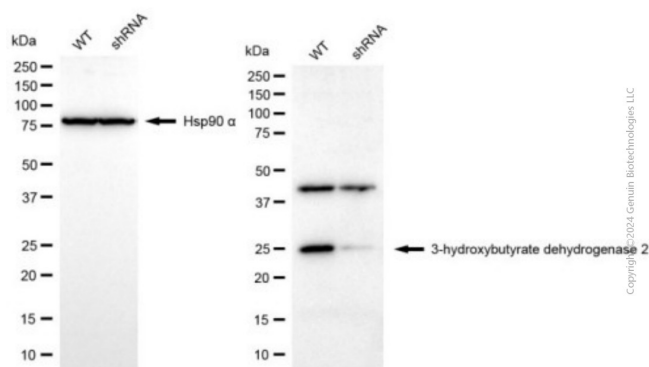
Target information (Q9BUT1)

Gene Name	BDH2
About Gene Symbol	BDH2 (3-Hydroxybutyrate Dehydrogenase 2) is a metabolic dehydrogenase involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms an



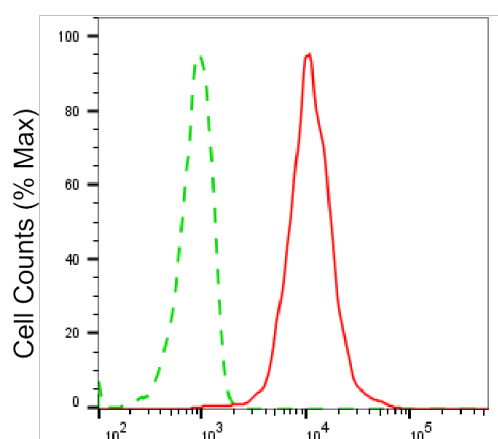
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Western blotting analysis using anti-3-hydroxybutyrate dehydrogenase 2 antibody (Cat#ABG2007). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-3-hydroxybutyrate dehydrogenase 2 antibody (Cat#ABG2007, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Western blotting analysis using anti-3-hydroxybutyrate dehydrogenase 2 antibody (Cat#ABG2007). 3-hydroxybutyrate dehydrogenase 2 expression in wild type (WT) and 3-hydroxybutyrate dehydrogenase 2 (BDH2) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-3-hydroxybutyrate dehydrogenase 2 antibody (Cat#ABG2007, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Flow cytometric analysis of 3-hydroxybutyrate dehydrogenase 2 expression in HepG2 cells using anti-3-hydroxybutyrate dehydrogenase 2 antibody (Cat#ABG2007, 1:1,000). Green, isotype control; red, 3-hydroxybutyrate dehydrogenase 2.

3-hydroxybutyrate dehydrogenase 2-Alexa Fluor® 647