

# KD-Validated Anti-BDH2 Mouse Monoclonal Antibody



**Catalog #: 63795**

## Aliases

BDH2; 3-Hydroxybutyrate Dehydrogenase 2; SDR15C1; PRO20933; UCPA-OR; UNQ6308; DHRS6; Short Chain Dehydrogenase/Reductase Family 15C Member 1; Dehydrogenase/Reductase SDR Family Member 6; 3-Hydroxybutyrate Dehydrogenase, Type 2; (R)-Beta-Hydroxybutyrate Dehydrogenase; 4-Oxo-L-Proline Reductase; Oxidoreductase UCPA; FLJ13261; Short Chain Dehydrogenase/Reductase Family 15C, Member 1; Dehydrogenase/Reductase (SDR Family) Member 6; 3-Hydroxybutyrate Dehydrogenase Type 2; R-Beta-Hydroxybutyrate Dehydrogenase; EC 1.1.1.104; EC 1.1.1.30; EC 1.1.1.-; EFA6R

## Background

Gene Name: BDH2

NCBI Gene Entry: [56898](#)

UniProt Entry: [Q9BUT1](#)

## Application Information

Molecular Weight: Predicted, 27 kDa; observed, 27 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB7910

Species Reactivity: Human

Applications Tested: Western blotting (WB), flow cytometry (FCM)

## Immunogen

Recombinant protein of human BDH2

## Isotype

Mouse IgG2a

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:1,000

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### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

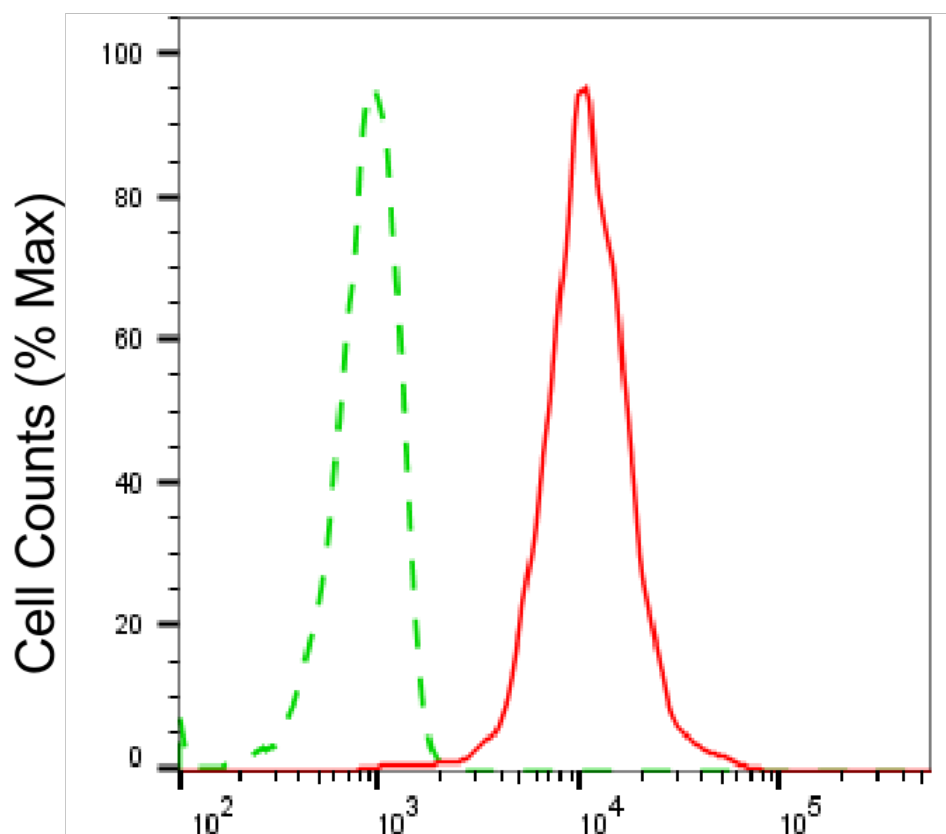
### ORDERS

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**Note:** This product is for research use only.

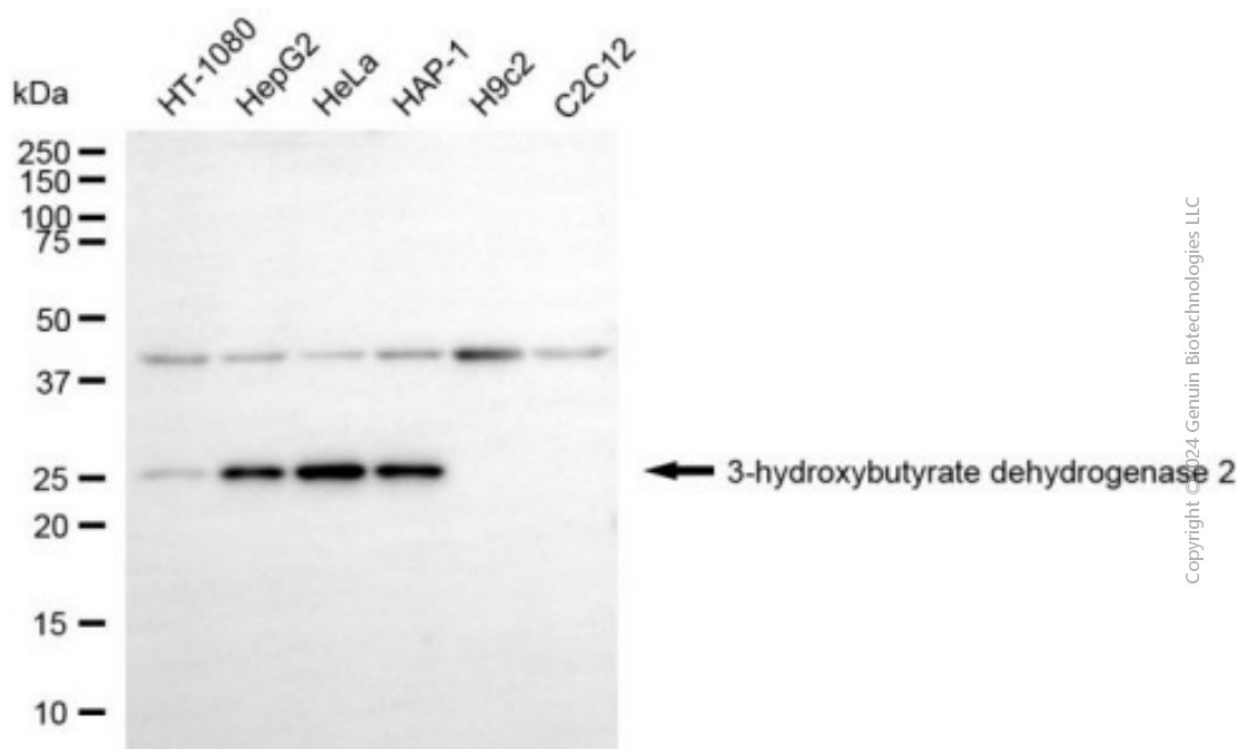
### Validation Data



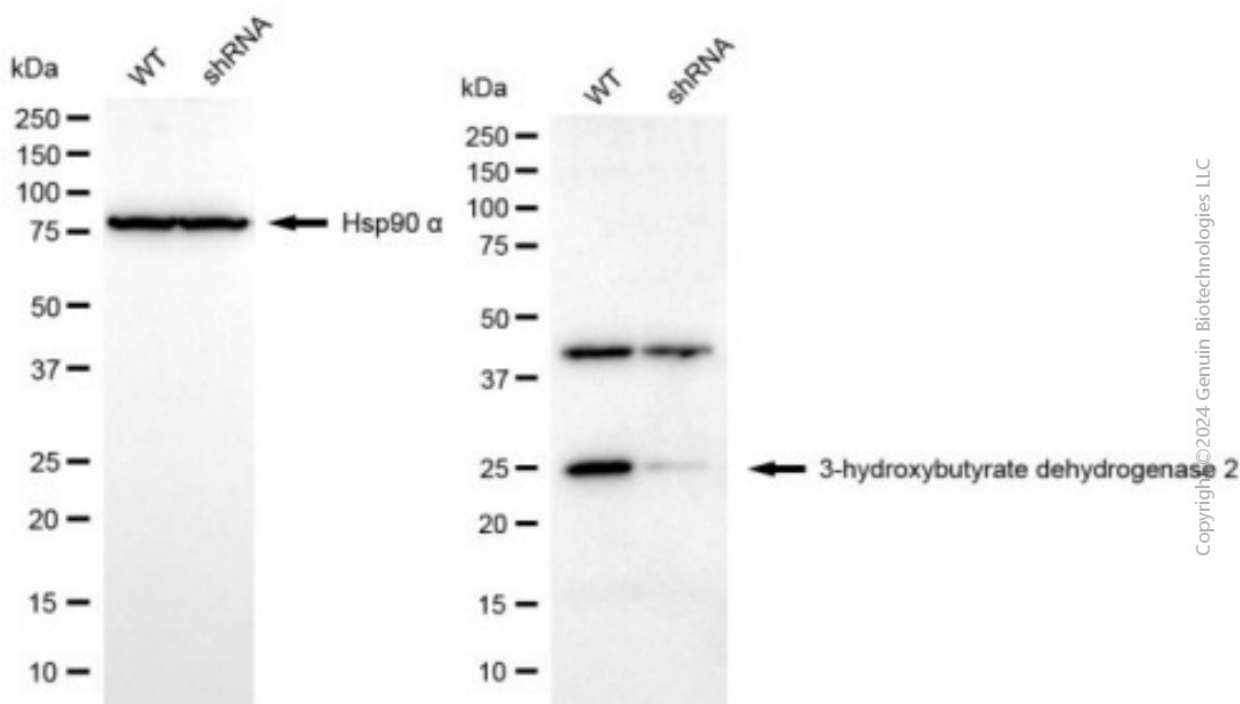
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### 3-hydroxybutyrate dehydrogenase 2-Alexa Fluor® 647

Flow cytometric analysis of 3-hydroxybutyrate dehydrogenase 2 expression in HepG2 cells using anti-3-hydroxybutyrate dehydrogenase 2 antibody (Cat#63795, 1:1,000). Green, isotype control; red, 3-hydroxybutyrate dehydrogenase 2.



Western blotting analysis using anti-3-hydroxybutyrate dehydrogenase 2 antibody (Cat#63795). 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#63795, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Western blotting analysis using anti-3-hydroxybutyrate dehydrogenase 2 antibody (Cat#63795). 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#63795, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).