

KD-Validated Anti-HSD17B10 Mouse Monoclonal Antibody



Catalog #: 65893

Aliases

HSD17B10; Hydroxysteroid 17-Beta Dehydrogenase 10; SDR5C1; MRPP2; ERAB; MHBD; 17b-HSD10; HADH2; ABAD; CAMR; Endoplasmic Reticulum-Associated Amyloid Beta-Peptide-Binding Protein; 3-Hydroxy-2-Methylbutyryl-CoA Dehydrogenase; 3-Hydroxyacyl-CoA Dehydrogenase Type-2; Mitochondrial Ribonuclease P Protein 2; AB-Binding Alcohol Dehydrogenase; Mitochondrial RNase P Subunit 2; MRXS10; SCHAD; Hydroxyacyl-Coenzyme A Dehydrogenase, Type II, Hydroxyacyl-Coenzyme A Dehydrogenase, Type II; Short Chain Dehydrogenase/Reductase Family 5C, Member 1; 3-Alpha-(17-Beta)-Hydroxysteroid Dehydrogenase (NAD(+)); Short Chain Dehydrogenase/Reductase Family 5C Member 1; Short Chain L-3-Hydroxyacyl-CoA Dehydrogenase Type 2; Amyloid-Beta Peptide Binding Alcohol Dehydrogenase; Short Chain Type Dehydrogenase/Reductase XH98G2; Short-Chain Type Dehydrogenase/Reductase XH98G2; 3alpha(Or 20beta)-Hydroxysteroid Dehydrogenase; Type 10 17beta-Hydroxysteroid Dehydrogenase; 2-Methyl-3-Hydroxybutyryl-CoA Dehydrogenase; Mental Retardation, X-Linked, Syndromic 10; Hydroxysteroid (17-Beta) Dehydrogenase 10; 3-Hydroxyacyl-CoA Dehydrogenase Type II; 7-Alpha-Hydroxysteroid Dehydrogenase; 17-Beta-Estradiol 17-Dehydrogenase; Mitochondrial RNase P Protein 2; Type 10 17b-HSD; Type II HADH; EC 1.1.1.239; EC 1.1.1.178; EC 1.1.1.159; EC 1.1.1.35; EC 1.1.1.62; EC 1.1.1.53; DUPXp11.22; HSD10MD; XH98G2; MRX17; MRX31; HCD2

Background

NCBI Gene Entry: [3028](#)

UniProt Entry: [Q99714](#)

Application Information

Molecular Weight: Predicted, 27 kDa; observed, 25 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB5705

Species Reactivity: Human

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

Immunogen

Recombinant protein of human HSD17B10

Isotype

Mouse IgG2a

Storage Buffer

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

Storage

Store at -20 °C for one year.

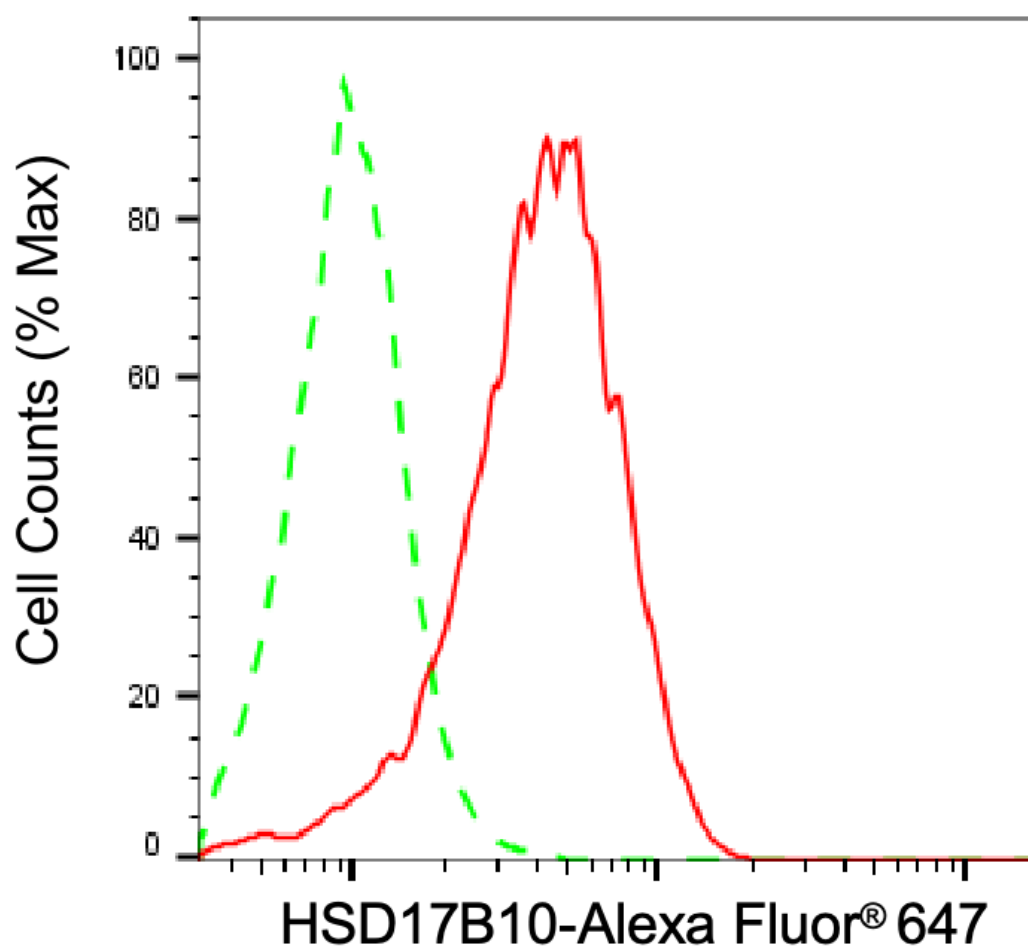
Recommended Dilutions

Western Blotting (WB): 1:500-1:2,500

Flow Cytometry (FCM): 1:200-1:2,000

Note: This product is for research use only.

Validation Data



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Flow cytometric analysis of HSD17B10 expression in HepG2 cells using anti-HSD17B10 antibody (Cat#65893, 1:2,000). Green, isotype control; red, HSD17B10.

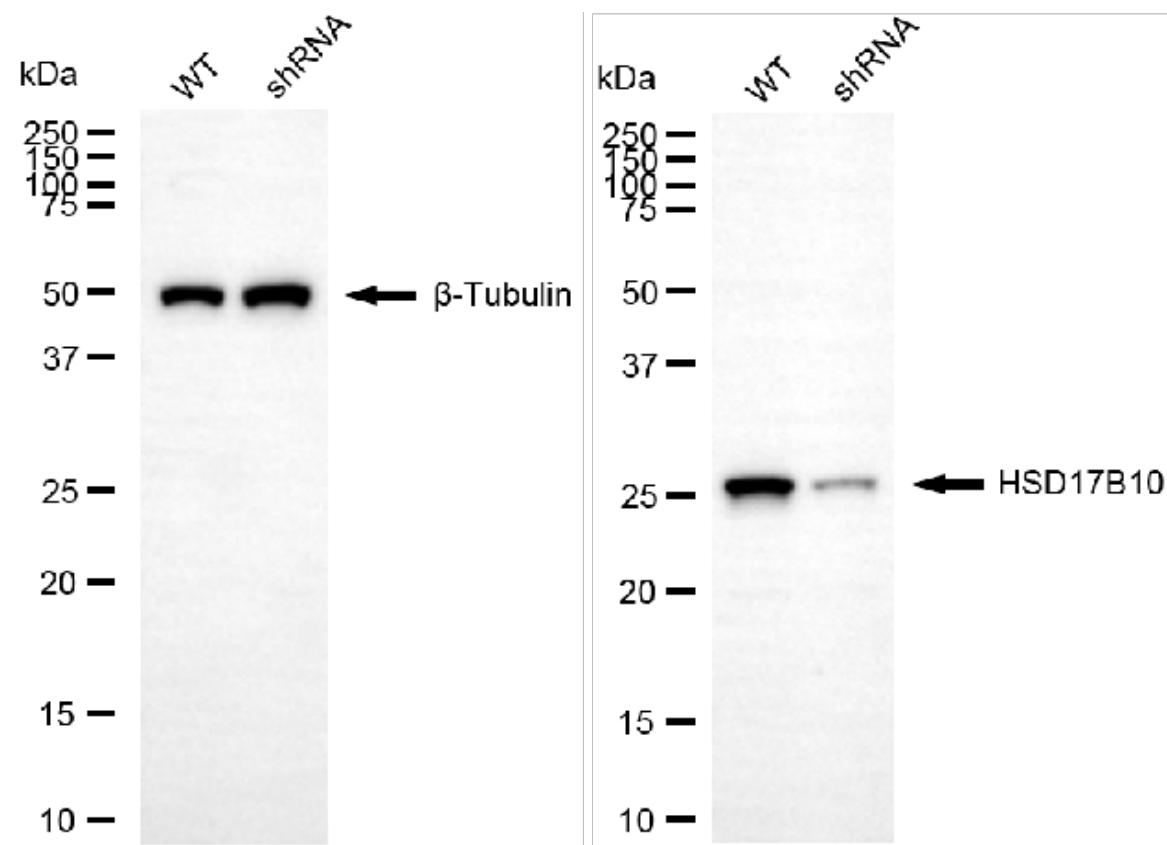
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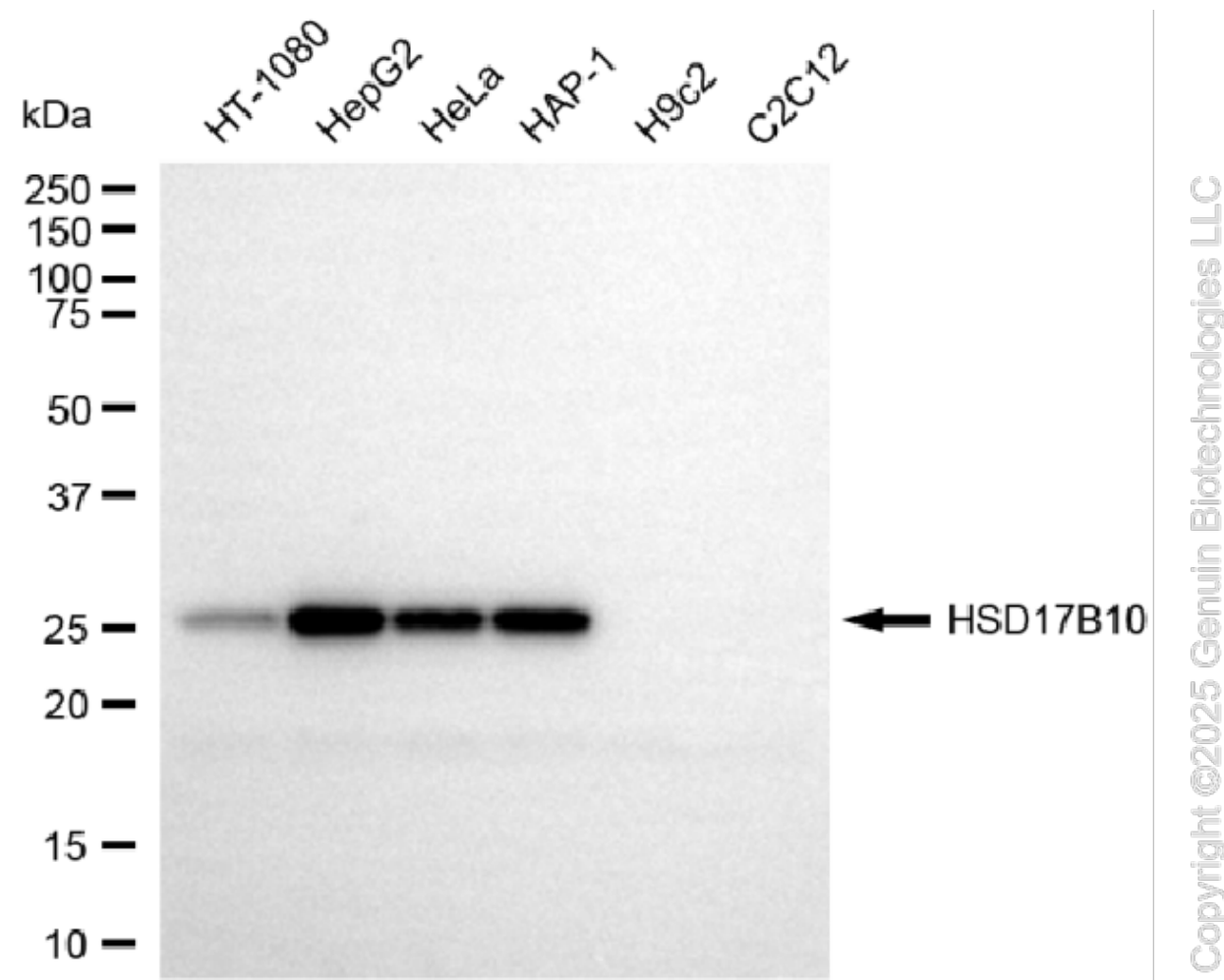
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Western blotting analysis using anti-HSD17B10 antibody (Cat#65893). HSD17B10 expression in wild-type (WT) and HSD17B10 shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-HSD17B10 antibody (Cat#65893, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



Western blotting analysis using anti-HSD17B10 antibody (Cat#65893). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-HSD17B10 antibody (Cat#65893, 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).