

Catalog #: 5837

Aliases

IVD; Isovaleryl-CoA Dehydrogenase; ACAD2; IVDH; Isovaleryl-CoA Dehydrogenase, Mitochondrial; Isovaleryl Coenzyme A Dehydrogenase; Butyryl-CoA Dehydrogenase; Epididymis Secretory Sperm Binding Protein; Isovaleryl CoA Dehydrogenase; EC 1.3.99.10; EC 1.3.8.4; EC 1.3.8.1; EC 1.3.99

Background

Gene Name: IVD

NCBI Gene Entry: [3712](#)

UniProt Entry: [P26440](#)

Application Information

Molecular Weight: Predicted, 47 kDa, observed, 40 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB5110

Species Reactivity: Human, mouse, rat

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

Immunogen

Recombinant protein of human IVD

Isotype

Mouse IgG1

Storage Buffer

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

Storage

Store at -20 °C for one year.

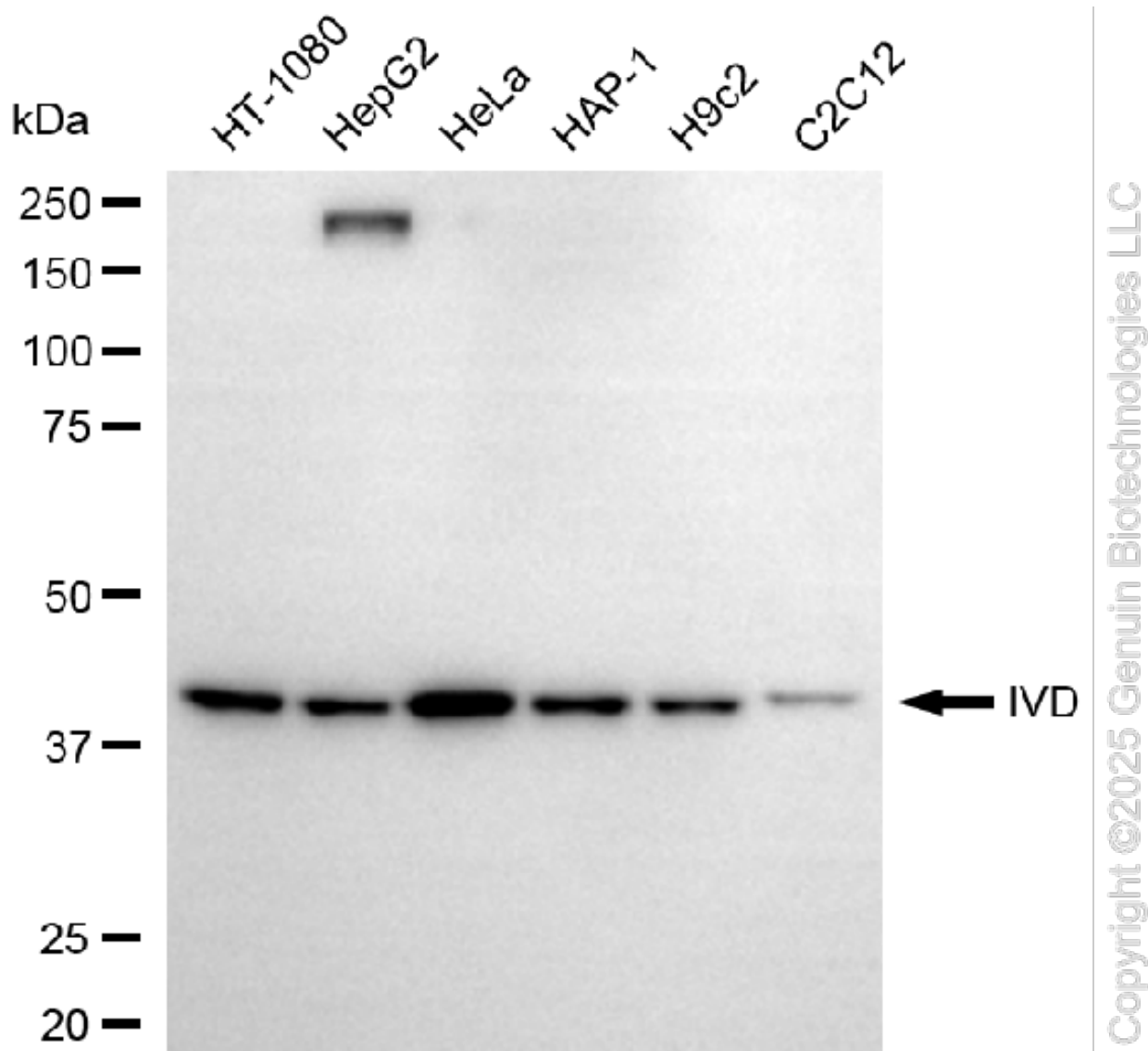
Recommended Dilutions

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

Flow Cytometry (FCM): 1:2,000

Note: This product is for research use only.

Validation Data



Western blotting analysis using anti-IVD antibody (Cat#5837). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-IVD antibody (Cat#5837, 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).

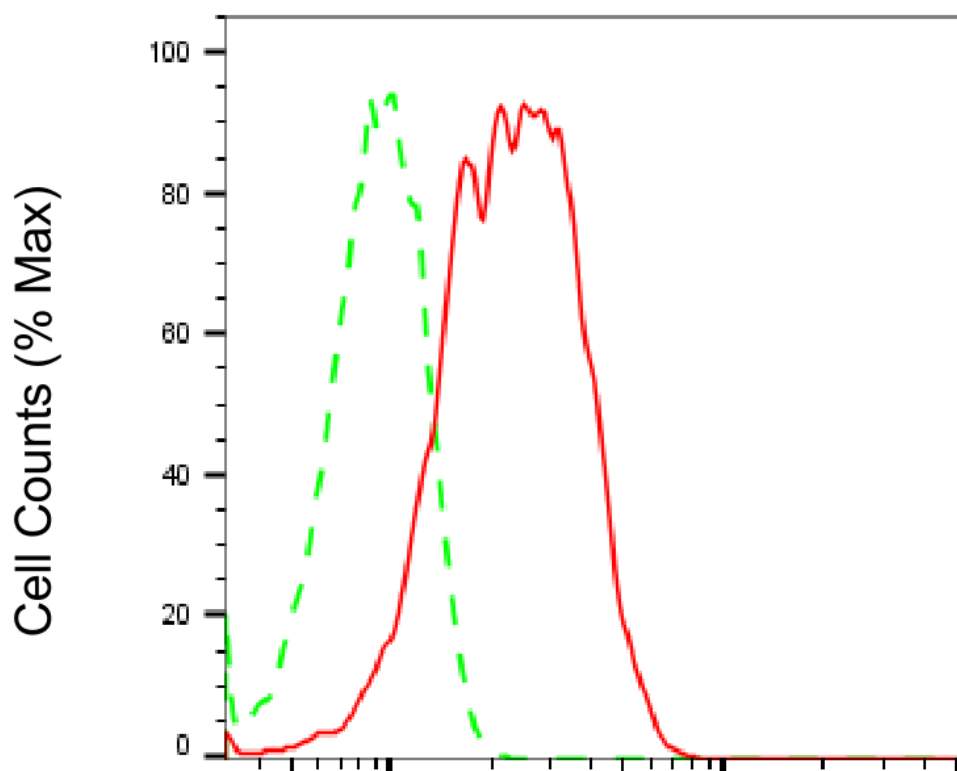
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IVD-Alexa Fluor® 647

Flow cytometric analysis of IVD expression in HeLa cells using anti-IVD antibody (Cat#5837, 1:2,000). Green, isotype control; red, IVD.

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