

Anti-Fumarate Hydratase Mouse Monoclonal Antibody



Catalog #: 3775

Aliases

FH; Fumarate Hydratase; Fumarase; Fumarate Hydratase, Mitochondrial; EC 4.2.1.2; HsFH; Epididymis Secretory Sperm Binding Protein; HLRCC; MCUL1; FMRD; LRCC; MCL

Background

Gene Name: FH

NCBI Gene Entry: [2271](#)

UniProt Entry: [P07954](#)

Application Information

Molecular Weight: Predicted, 55 kDa; Observed, 45 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB8580

Species Reactivity: Human

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

Immunogen

Recombinant protein of human Fumarase/FH

Isotype

Mouse IgG

Storage Buffer

Supplied in TBS (pH 7.4) containing 50% glycerol, 1% BSA and 0.02% Proclin 300.

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

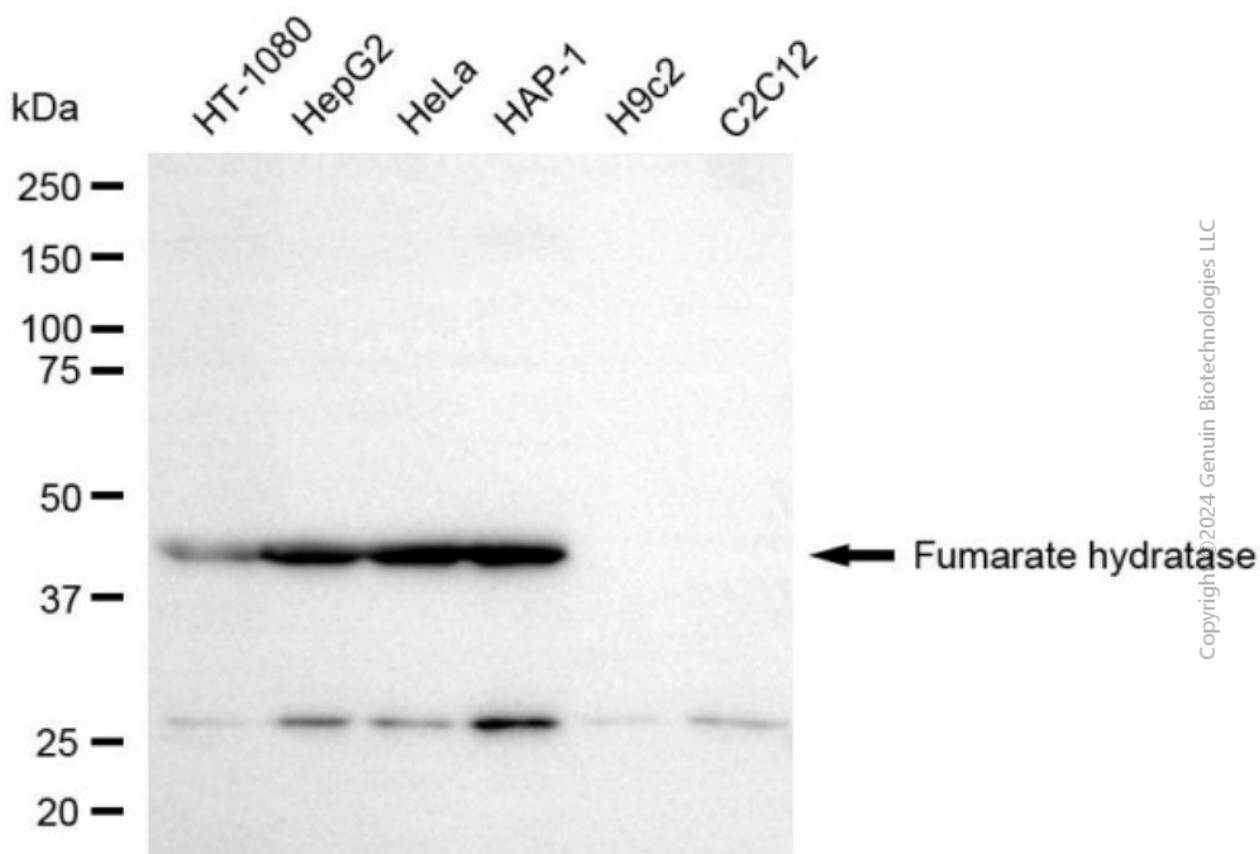
SUPPORT

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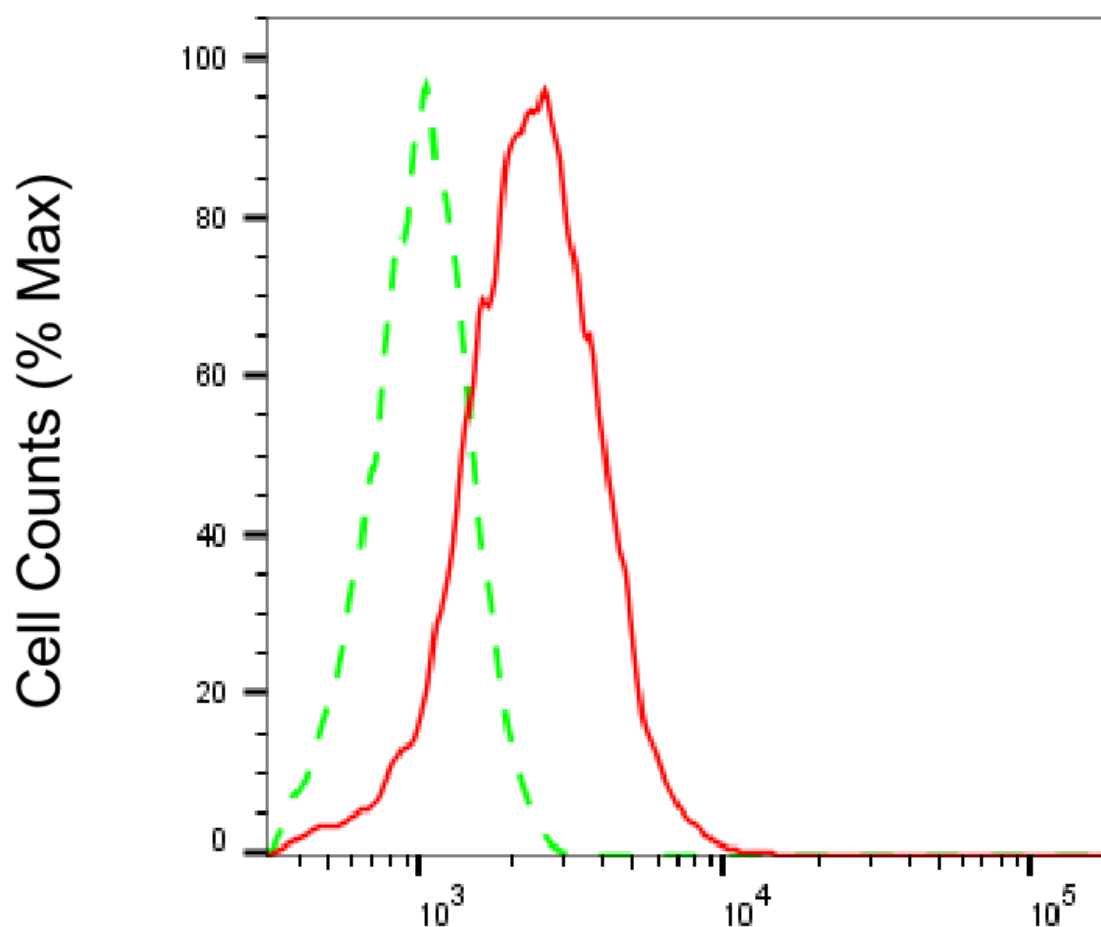
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Western blotting analysis using anti-fumarate hydratase antibody (Cat#3775). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-fumarate hydratase antibody (Cat#3775, 1:2,500) 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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Fumarate hydratase-Alexa Fluor® 647

Flow cytometric analysis of Fumarate hydratase expression in HepG2 cells using anti-Fumarate hydratase antibody (Cat#3775, 1:2,000). Green, isotype control; red, Fumarate hydratase.