

KD-Validated Anti-EPHX1 Mouse Monoclonal Antibody



Catalog #: 63859

Aliases

EPHX1; Epoxide Hydrolase 1; EPHX; Epoxide Hydrolase 1, Microsomal (Xenobiotic); Epoxide Hydratase; EPOX; MEH; Epoxide Hydrolase 1 Microsomal; Microsomal Epoxide Hydrolase; EC 3.3.2.9; HYL1

Background

Gene Name: EPHX1

NCBI Gene Entry: [2052](#)

UniProt Entry: [P07099](#)

Application Information

Molecular Weight: Predicted, 53 kDa; observed, 48 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB8225

Species Reactivity: Human

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

Immunogen

Recombinant protein of human EPHX1

Isotype

Mouse IgG2b

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

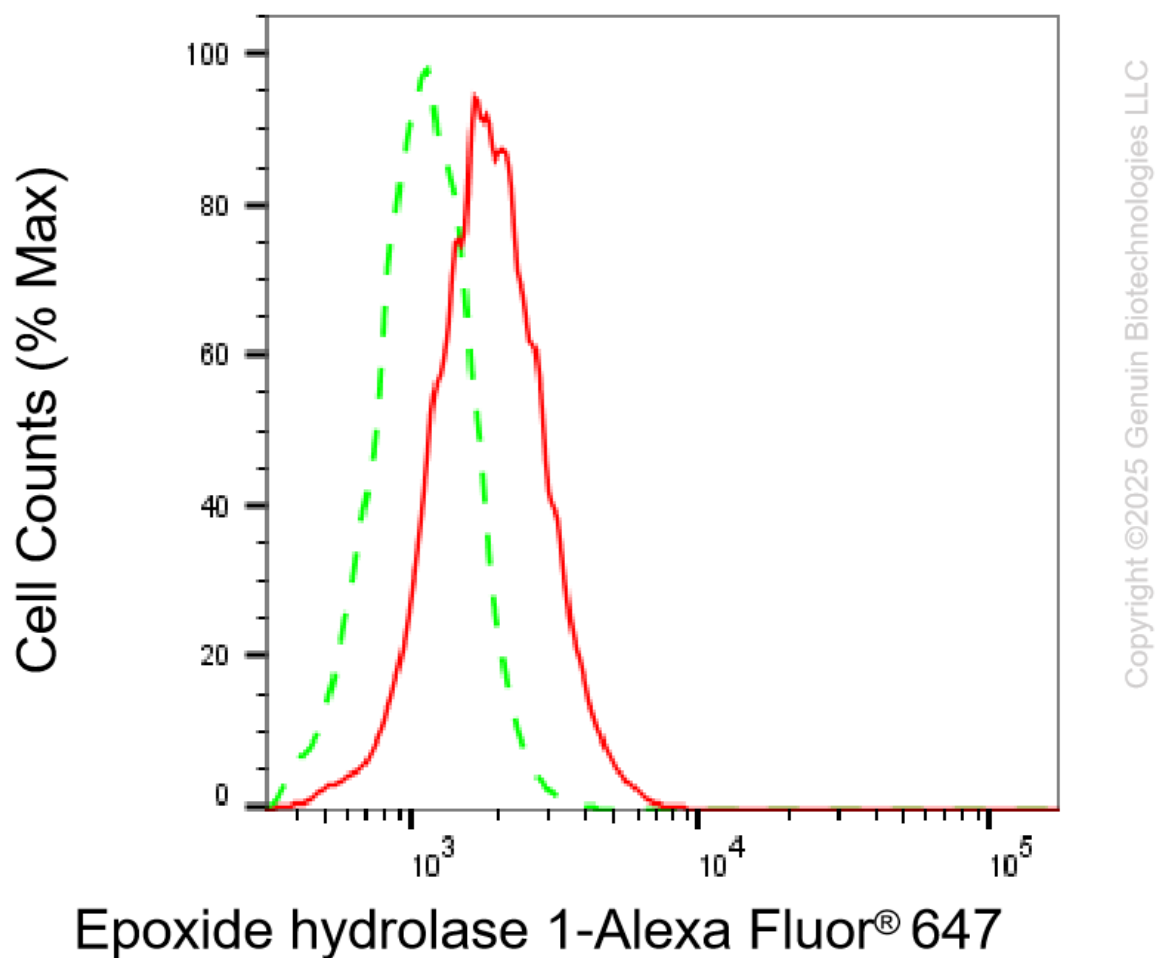
SUPPORT

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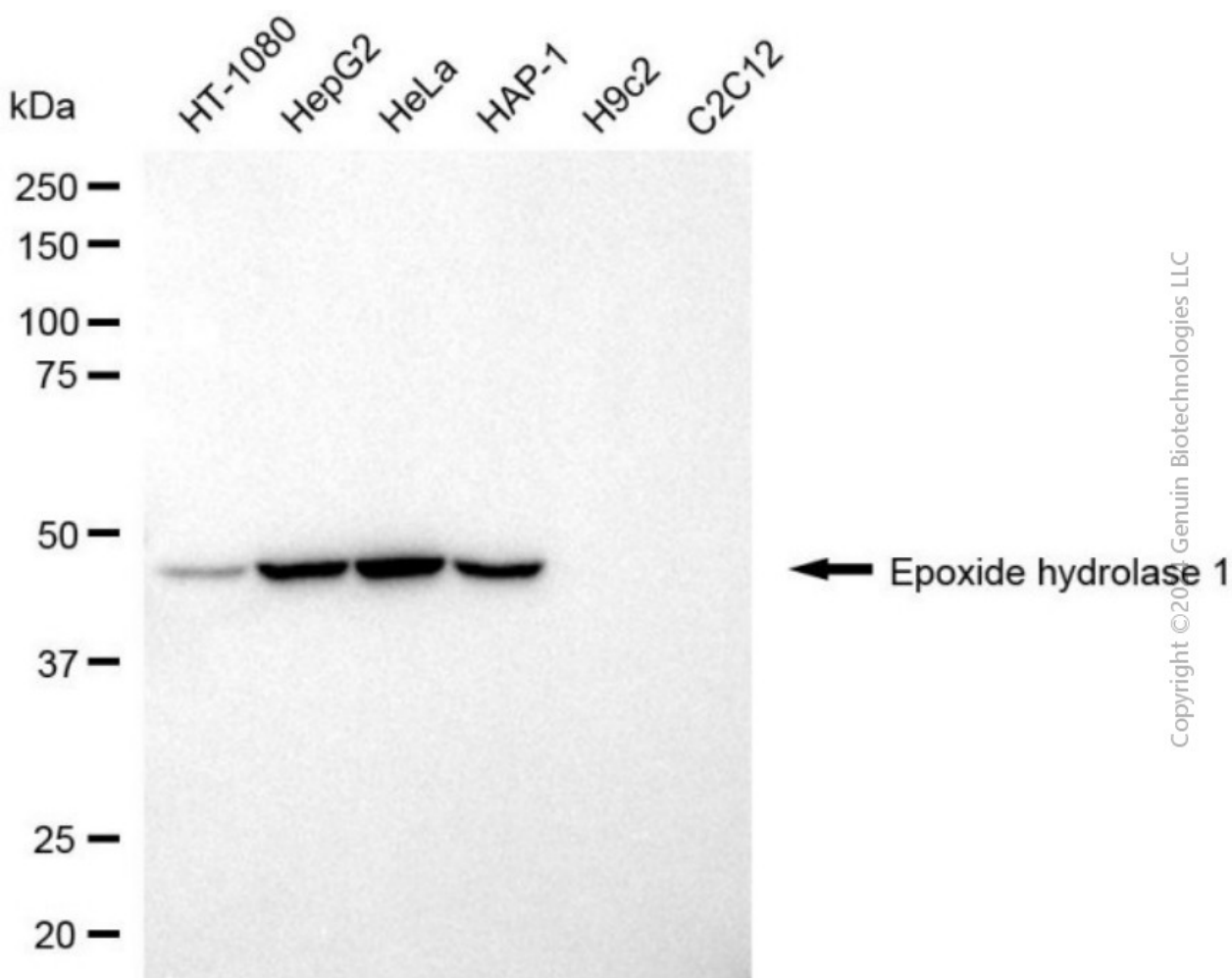
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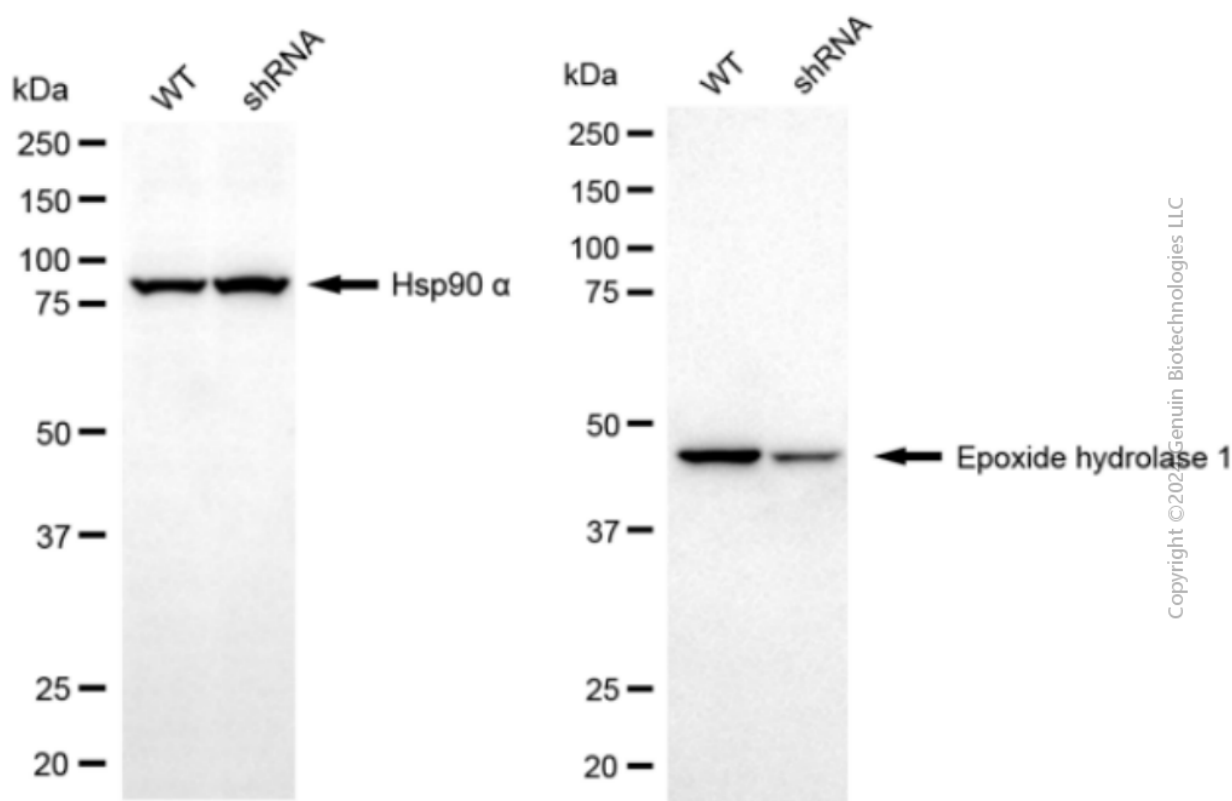
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Flow cytometric analysis of Epoxide hydrolase 1 expression in HepG2 cells using anti-Epoxide hydrolase 1 antibody (Cat#63859, 1:2,000). Green, isotype control; red, Epoxide hydrolase 1.



Western blotting analysis using anti-epoxide hydrolase 1 antibody (Cat#63859). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-epoxide hydrolase 1 antibody (Cat#63859, 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).



Western blotting analysis using anti-epoxide hydrolase 1 antibody (Cat#63859). Epoxide hydrolase 1 expression in wild-type (WT) and epoxide hydrolase 1 (EPHX1) shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-epoxide hydrolase 1 antibody (Cat#63859, 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).