

Anti-Epoxyde Hydrolase 1 Mouse Monoclonal Antibody



Catalog #: 5414

Aliases

EPHX1; Epoxyde Hydrolase 1; EPHX; Epoxyde Hydrolase 1, Microsomal (Xenobiotic); Epoxyde Hydratase; EPOX; MEH; Epoxyde Hydrolase 1 Microsomal; Microsomal Epoxyde 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: 25GB1400

Species Reactivity: Human

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

Recombinant protein of human EPHX1

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): 1:500-1:2,500

Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

Validation Data

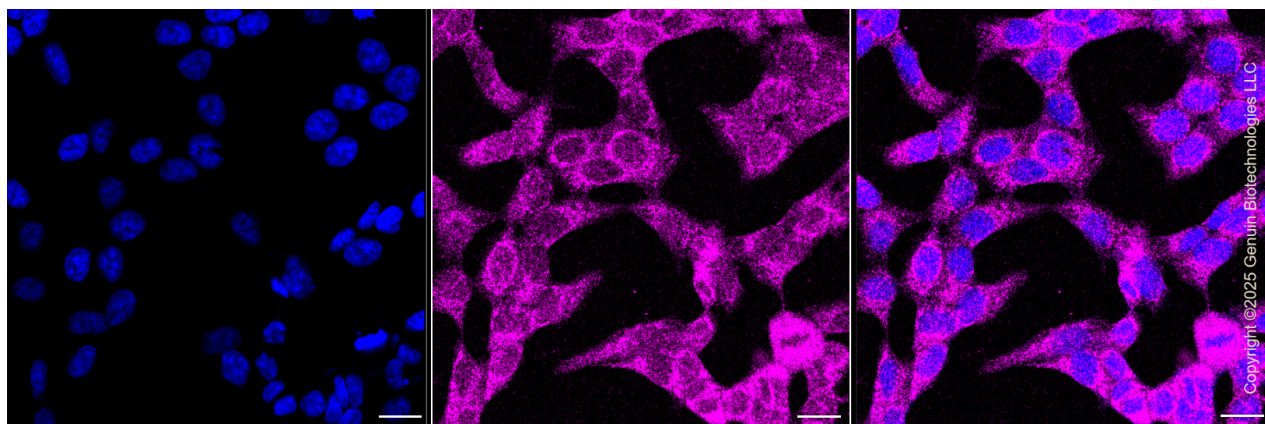
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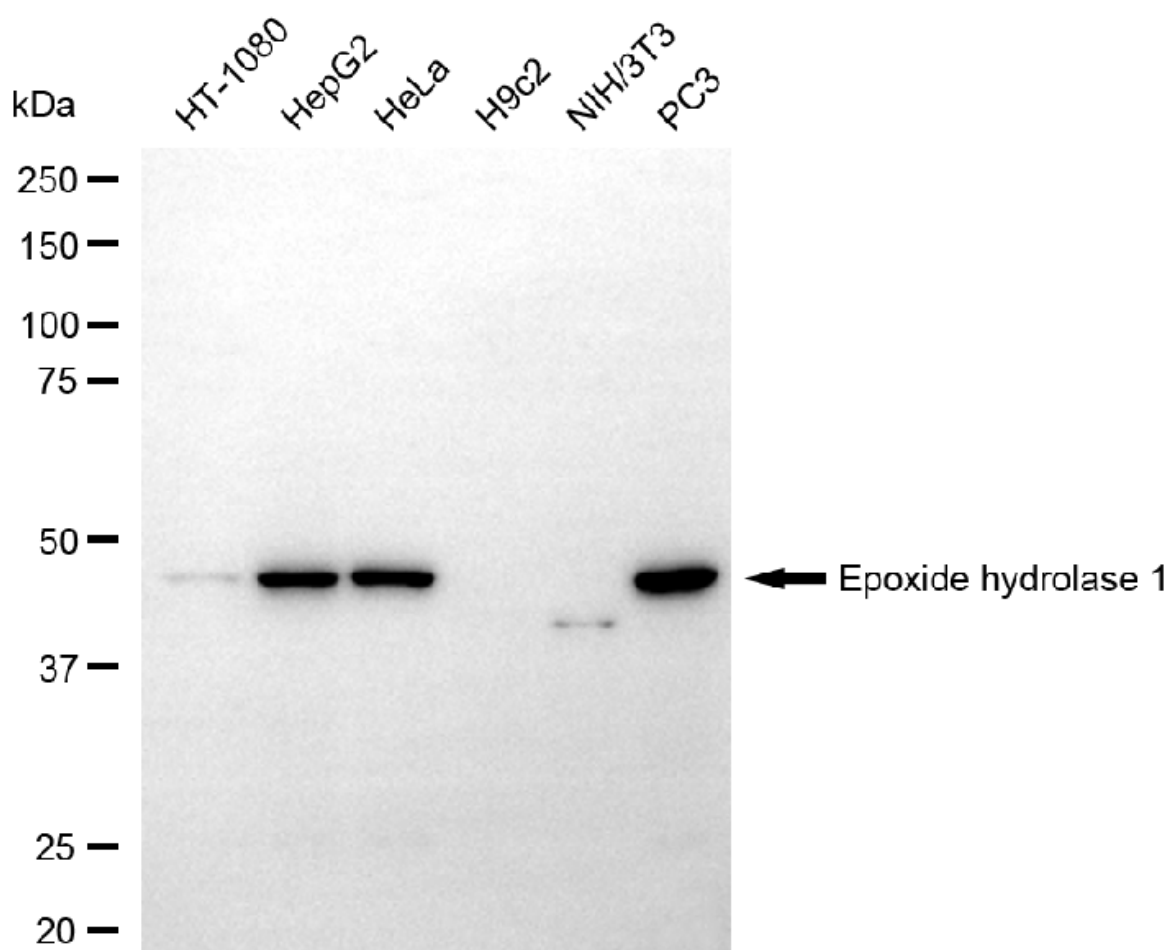
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Immunocytochemical staining of HAP1 cells with anti-Epoxyde hydrolase 1 antibody (Cat#5414, 1:1,000). Nuclei were stained blue with DAPI; Epoxyde hydrolase 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.



Western blotting analysis using anti-epoxyde hydrolase 1 antibody (Cat#5414). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-epoxyde hydrolase 1 antibody (Cat#5414, 1:2,500) and HRP-conjugated goat anti-mouse

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secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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