

Anti-Hydroxymethylbilane synthase Recombinant Rabbit Monoclonal Antibody



Catalog #: 2128

Aliases

HMBS; Hydroxymethylbilane Synthase; Porphobilinogen Deaminase; PBGD; UPS; Porphyria, Acute; Chester Type; Pre-Uroporphyrinogen Synthase; Uroporphyrinogen I Synthase; EC 2.5.1.61; PBG-D; PORC; Uroporphyrinogen I Synthetase

Background

Gene Name: HMBS

NCBI Gene Entry: [3145](#)

UniProt Entry: [P08397](#)

Application Information

Molecular Weight: Predicted, 39 kDa; observed, 42 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB6130

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human HMBS

Isotype

Rabbit IgG

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): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

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

Note: This product is for research use only.

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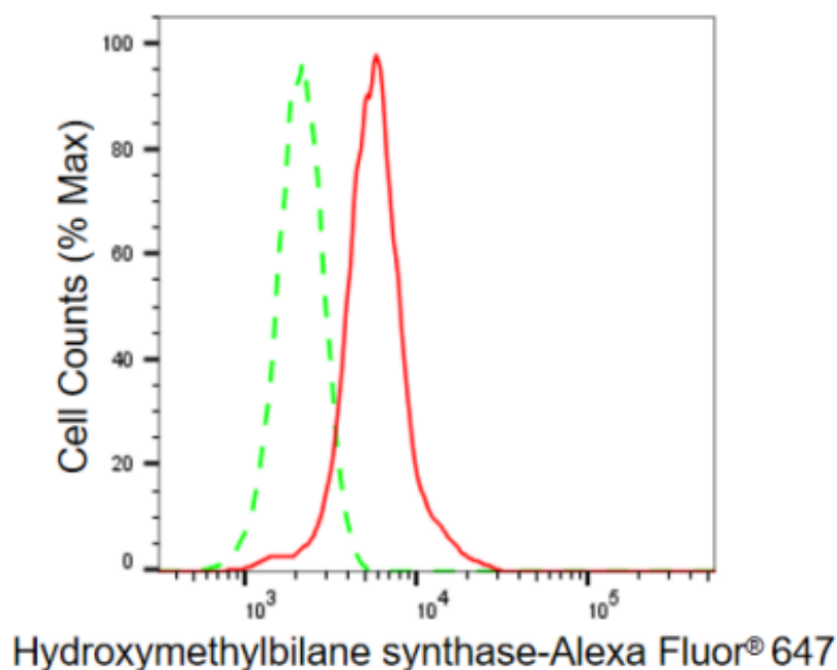
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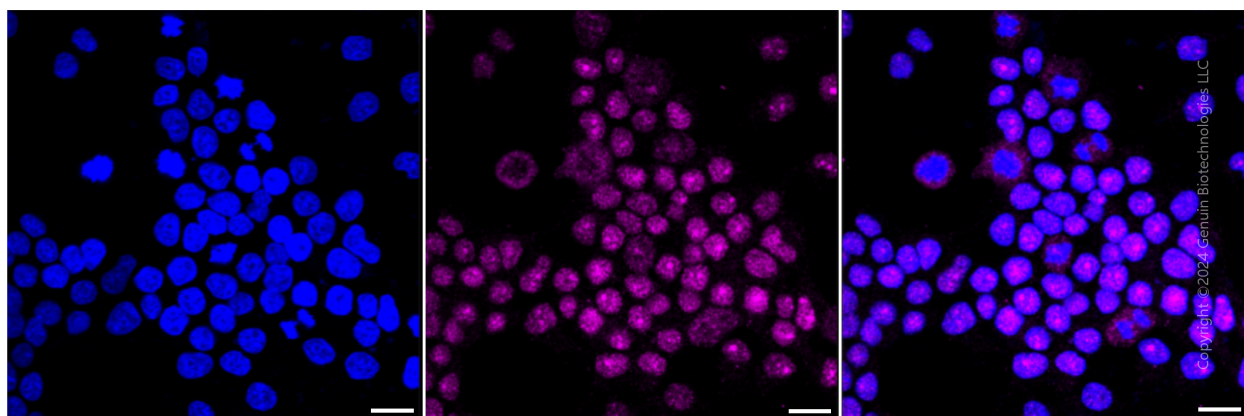
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Validation Data



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Flow cytometric analysis of Hydroxymethylbilane synthase expression in HeLa cells using Hydroxymethylbilane synthase antibody (Cat#2128, 1:2,000). Green, isotype control; red, Hydroxymethylbilane synthase.



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Immunocytochemical staining of HeLa cells with anti-Hydroxymethylbilane synthase antibody (Cat#2128, 1:1,000). Nuclei were stained blue with DAPI; Hydroxymethylbilane synthase 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 µm.

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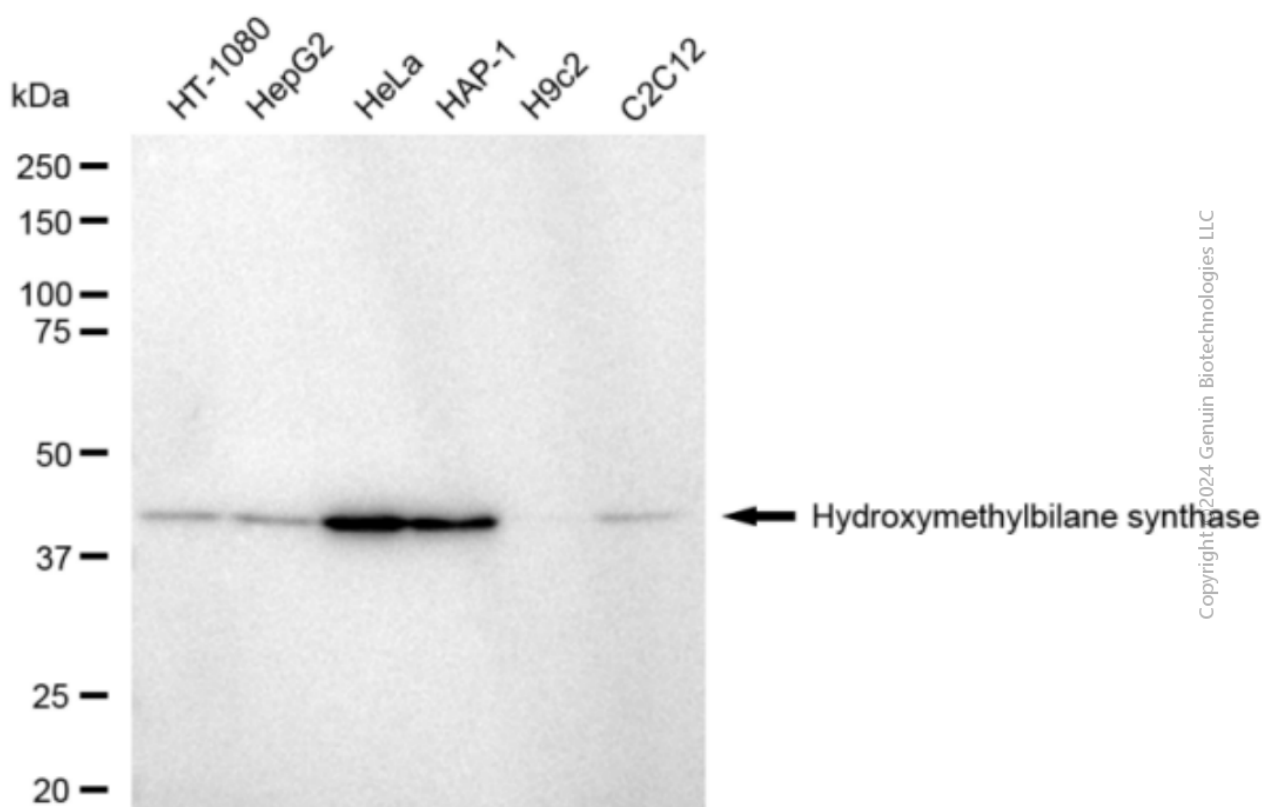
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Western blotting analysis using anti-Hydroxymethylbilane synthase antibody (Cat#2128). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Hydroxymethylbilane synthase antibody (Cat#2128, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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