Anti-GSTM1 Recombinant Rabbit Monoclonal Antibody

Catalog #: 1895

Aliases

GSTM1; Glutathione S-Transferase Mu 1; GST1; H-B; MU; Glutathione S-Transferase M1; GST HB Subunit 4; GST Class-Mu 1; EC 2.5.1.18; GSTM1a-1a; GSTM1b-1b; GSTM1-1; GTH4; S-(Hydroxyalkyl)Glutathione Lyase; Glutathione S-Aralkyltransferase; Glutathione S-Alkyltransferase; Glutathione S-Aryltransferase; HB Subunit 4; GTM1; MU-1

Background

Gene Name: GSTM1
NCBI Gene Entry: 2944
UniProt Entry: P09488

Application Information

Molecular Weight: Predicted, 26 kDa; observed, 26 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 23GB4940
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), immunocytochemistry (IC), flow cytometry (FCM)

Immunogen

A synthesized peptide derived from human Glutathione S Transferase mu

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
Immunocytochemistry (IC): 1:100-1:1,000
Flow Cytometry (FCM): 1:2,000

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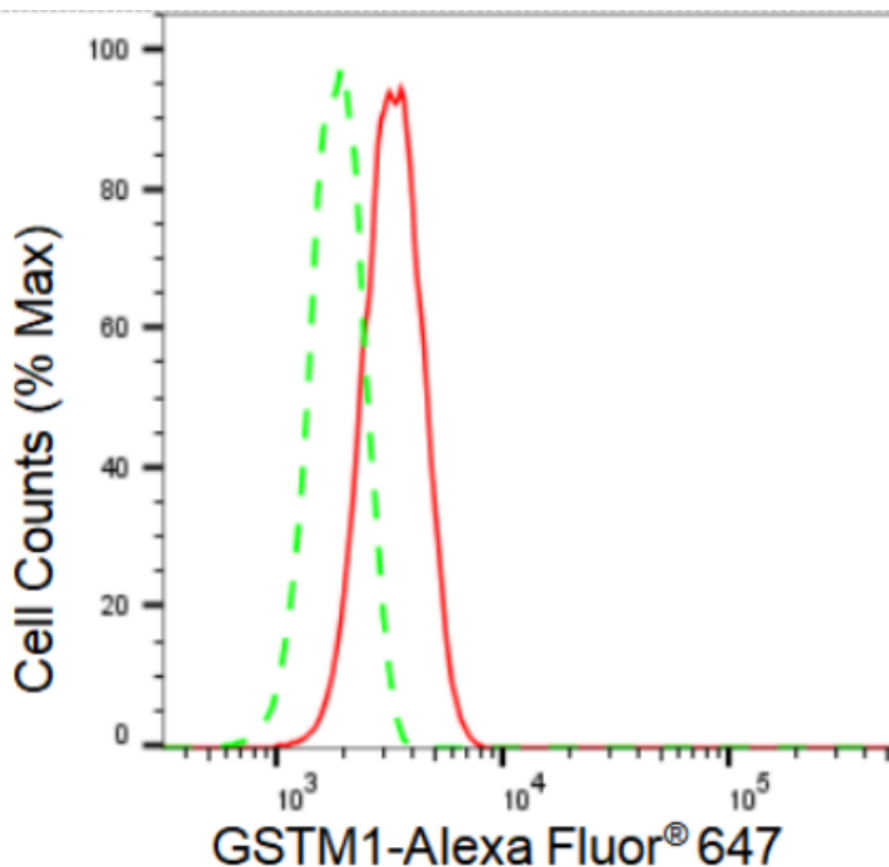
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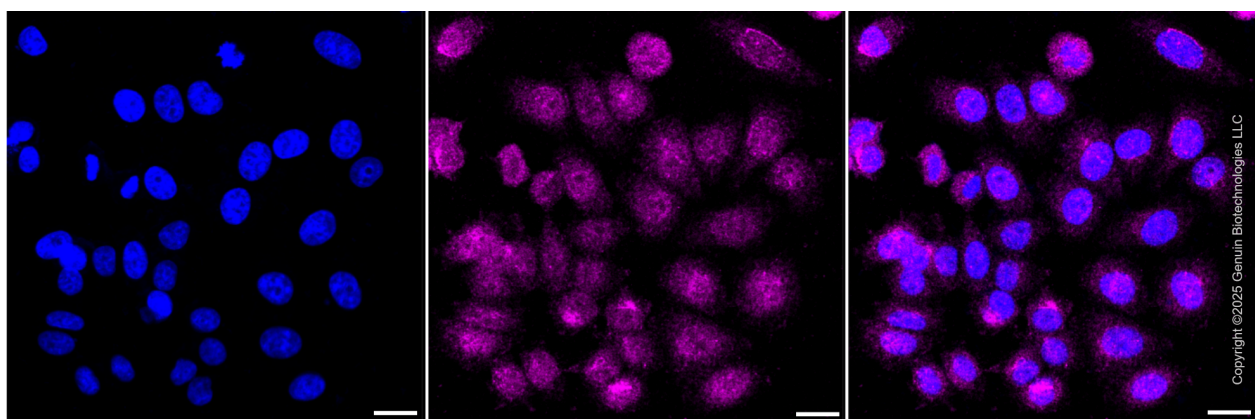
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Note: This product is for research use only.

Validation Data

Flow cytometric analysis of GSTM1 expression in HepG2 cells using GSTM1 antibody (Cat#1895, 1:2,000). Green, isotype control; red, GSTM1.

Immunocytochemical staining of HepG2 cells with anti-GSTM1 antibody (Cat #1895, 1:1,000) . Nuclei were stained blue with DAPI; GSTM1 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.
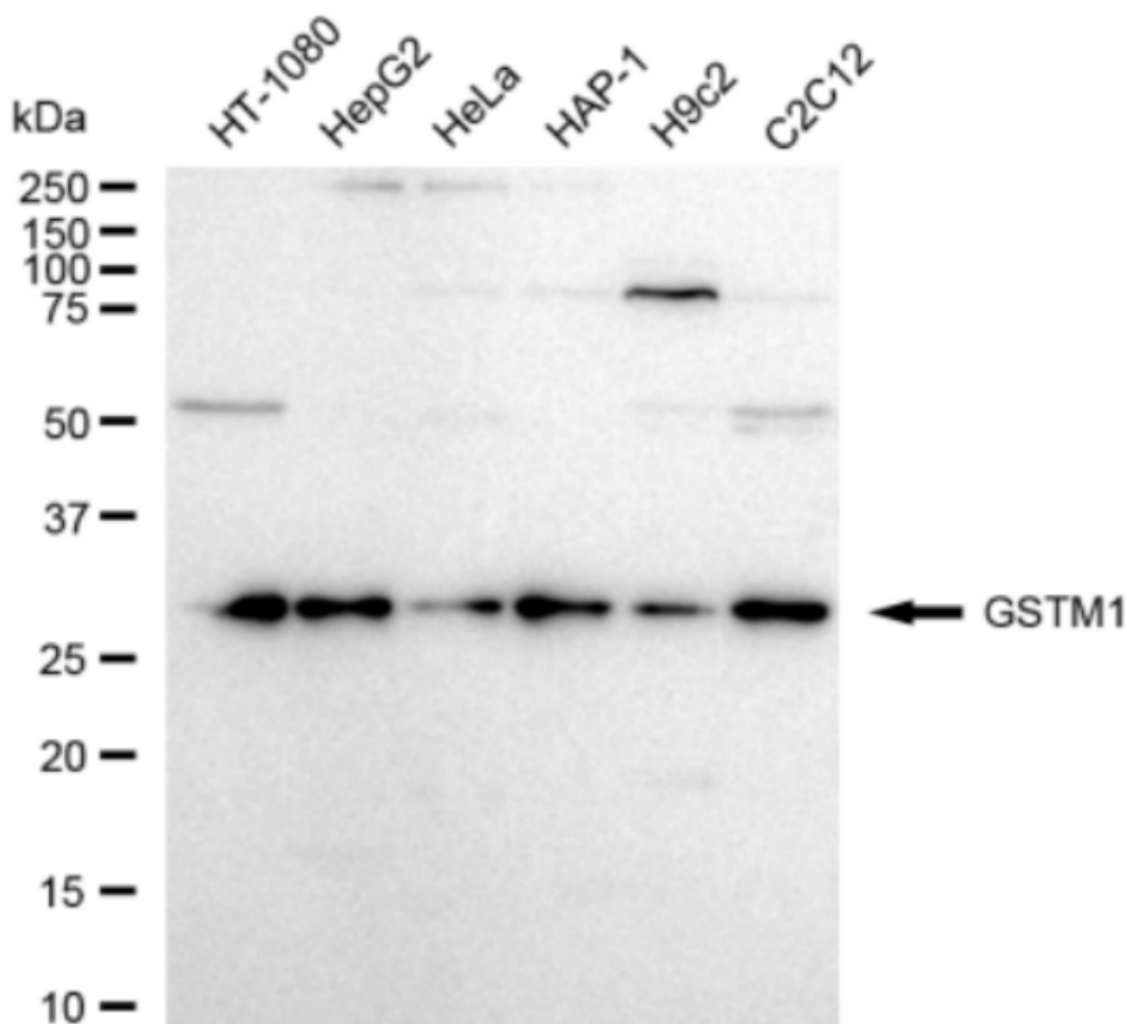

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Western blotting analysis using anti-GSTM1 antibody (Cat#1895). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-GSTM1 antibody (Cat#1895, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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