

Anti-MGST1 Recombinant Rabbit Monoclonal Antibody



Catalog #: 3139

Aliases

MGST1; Microsomal Glutathione S-Transferase 1; MGST-I; GST12; PMAN; Peritoneal Metastasis Associated Long Noncoding RNA; Microsomal GST-1; Microsomal GST-I; EC 2.5.1.18; MGST; Glutathione S-Transferase 12

Background

Gene Name: MGST1

NCBI Gene Entry: [4257](#)

UniProt Entry: [P10620](#)

Application Information

Molecular Weight: Predicted, 18 kDa; observed, 15 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB5110

Species Reactivity: Human, mouse

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

Immunogen

A synthesized peptide derived from human MGST1

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

Note: This product is for research use only.

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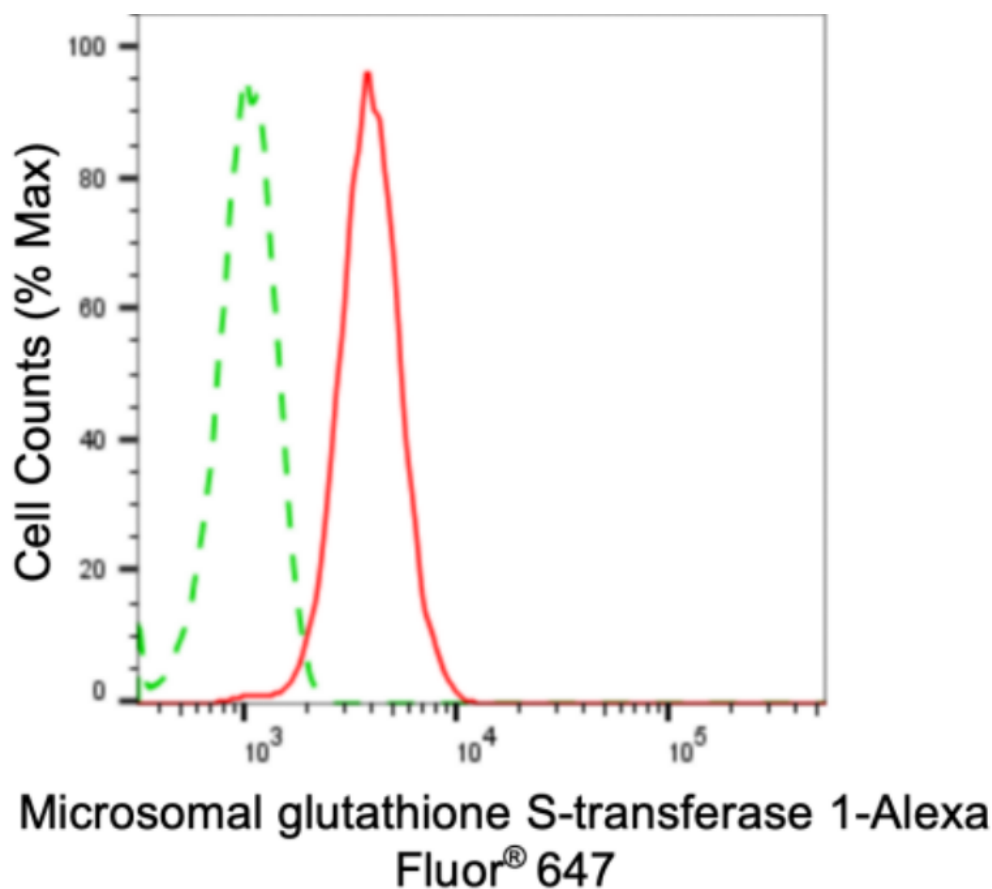
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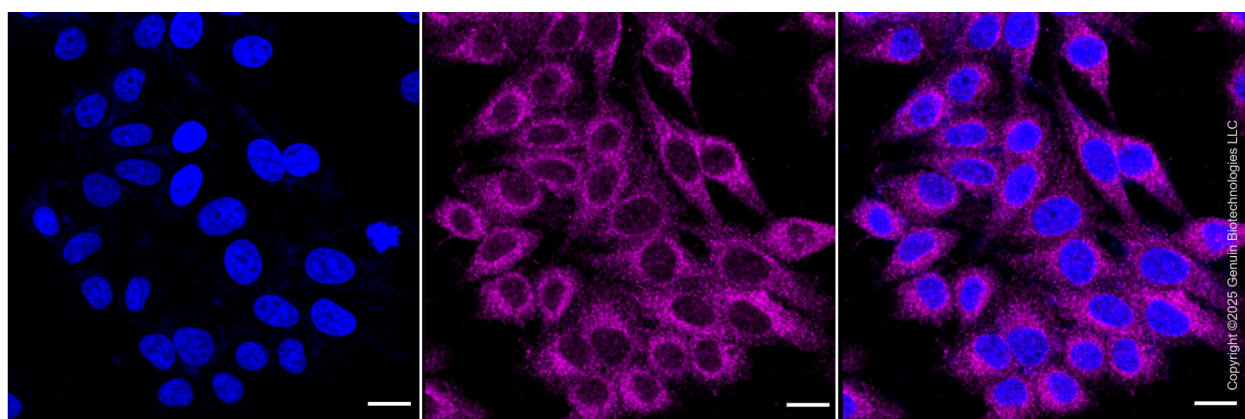
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Validation Data



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Flow cytometric analysis of Microsomal glutathione S-transferase 1 expression in HepG2 cells using anti-Microsomal glutathione S-transferase 1 antibody (Cat#3139, 1:2,000). Green, isotype control; red, Microsomal glutathione S-transferase 1.



Immunocytochemical staining of HepG2 cells with anti-microsomal glutathione S-transferase 1 antibody (Cat#3139, 1:1,000). Nuclei were stained blue with DAPI; Microsomal glutathione S-transferase 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.

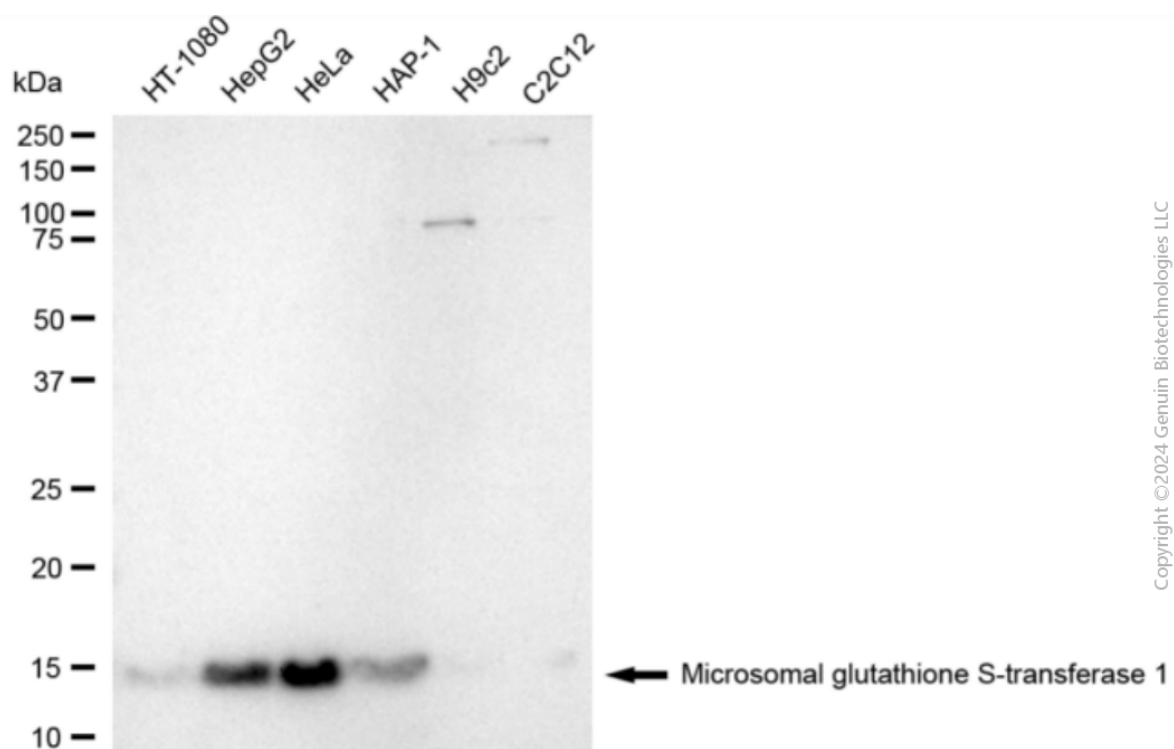
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Western blotting analysis using anti-microsomal glutathione S-transferase 1 antibody (Cat#3139). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-microsomal glutathione S-transferase 1 antibody (Cat#3139, 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).