

Anti-Methionine Adenosyltransferase 2A Recombinant Rabbit Monoclonal Antibody



Catalog #: 2373

Aliases

Methionine Adenosyltransferase 2A; MATA2; S-Adenosylmethionine Synthase Isoform Type-2; MAT-II; SAMS2; MATII; Methionine Adenosyltransferase II, Alpha; Methionine Adenosyltransferase 2; AdoMet Synthase 2; EC 2.5.1.6; MAT 2; Methionine Adenosyltransferase II; Testicular Tissue Protein Li 121; AdoMet Synthetase 2; AMS2

Background

Gene Name: MAT2A

NCBI Gene Entry: [4144](#)

UniProt Entry: [P31153](#)

Application Information

Molecular Weight: Predicted, 44 kDa; observed, 48 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB530

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human MAT2A

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

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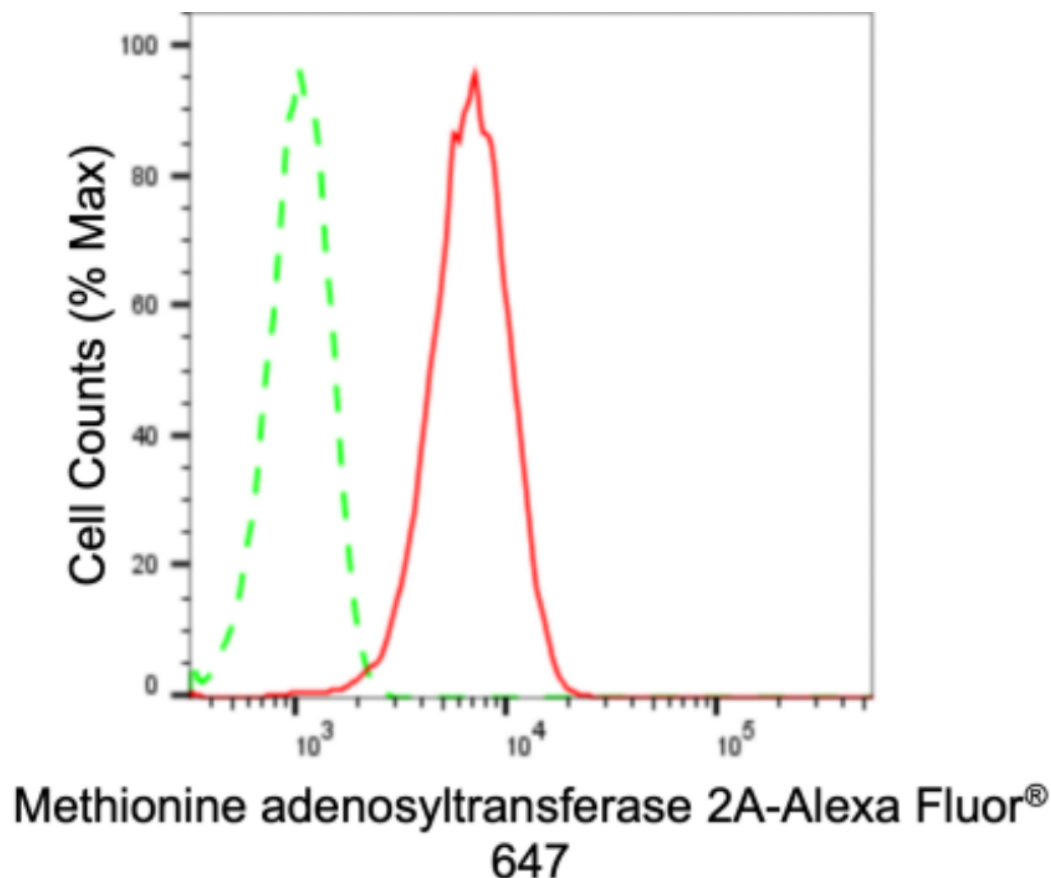
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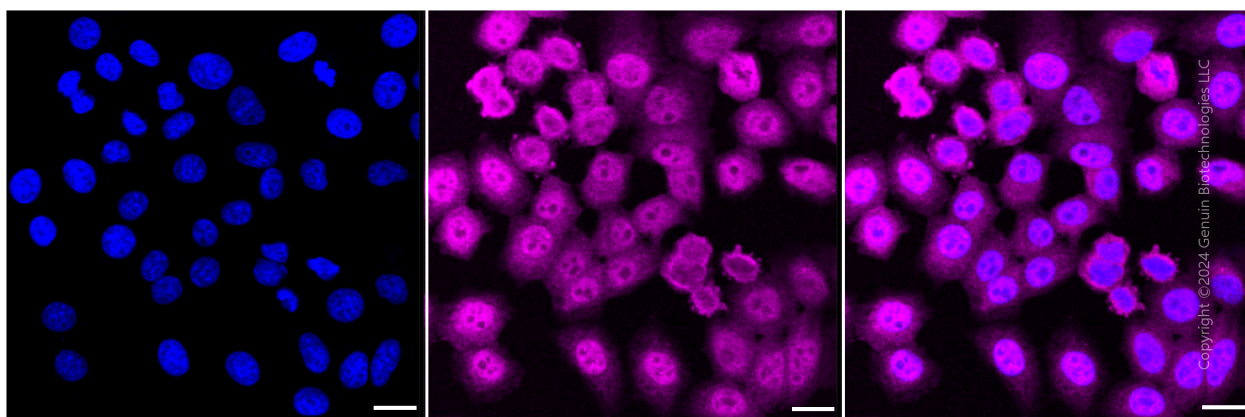
PAGE 2

Note: This product is for research use only.

Validation Data



Flow cytometric analysis of Methionine adenosyltransferase 2A expression in HepG2 cells using Methionine adenosyltransferase 2A antibody (Cat#2373, 1:2,000). Green, isotype control; red, Methionine adenosyltransferase 2A.



Immunocytochemical staining of HepG2 cells with anti-Methionine adenosyltransferase 2A antibody (Cat#2373, 1:1,000). Nuclei were stained blue with DAPI; Methionine adenosyltransferase 2A was stained magenta with Alexa Fluor® 647. Images were taken using

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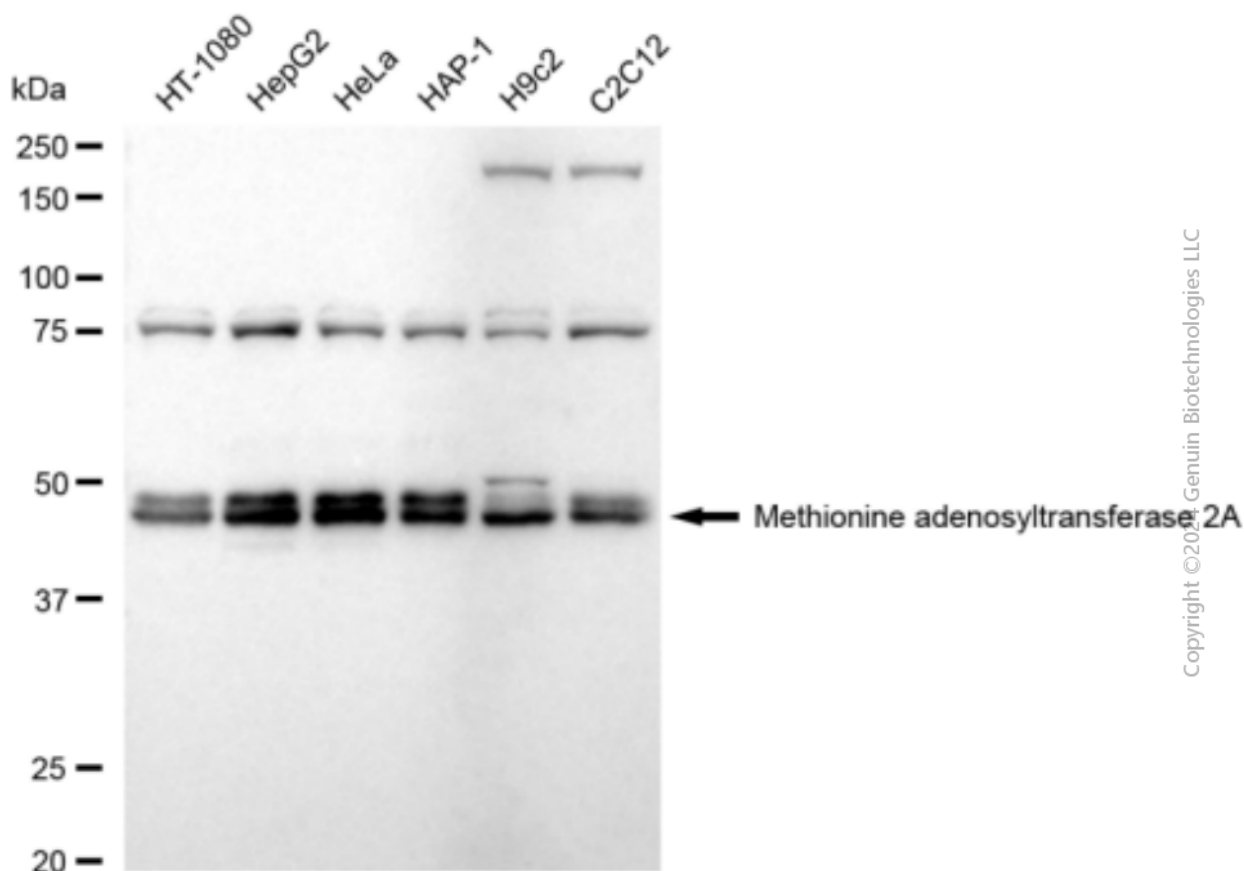
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PAGE 3

Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 μ m.



Western blotting analysis using anti-Methionine adenosyltransferase 2A antibody (Cat#2373). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Methionine adenosyltransferase 2A antibody (Cat#2373, 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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