

Catalog #: 3760

Aliases

DNMT3A; DNA Methyltransferase 3 Alpha; DNA (Cytosine-5-)-Methyltransferase 3 Alpha; DNA (Cytosine-5)-Methyltransferase 3A; Cysteine Methyltransferase DNMT3A; DNA MTase HsaIIIA; EC 2.1.1.37; M.HsaIIIA; DNA Cytosine Methyltransferase 3A2; DNA Methyltransferase HsaIIIA; EC 2.1.1.-; DNMT3A2; HESJAS; Dnmt3a; TBR5

Background

Gene Name: DNMT3A

NCBI Gene Entry: [1788](#)

UniProt Entry: [Q9Y6K1](#)

Application Information

Molecular Weight: Predicted, 102 kDa; observed, 135 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB7245

Species Reactivity: Mouse, rat

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

Immunogen

Recombinant protein of human DNMT3A

Isotype

Mouse IgG1 kappa

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

Note: This product is for research use only.

Validation Data

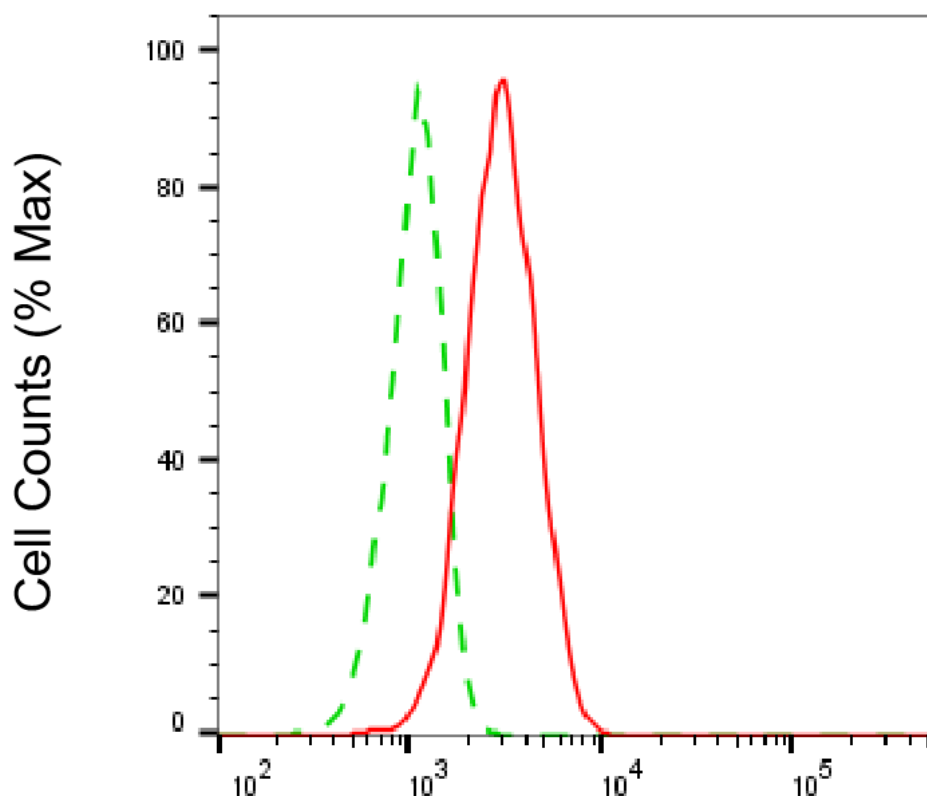
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DNA methyltransferase 3 alpha-Alexa Fluor® 647

Flow cytometric analysis of DNA methyltransferase 3 alpha expression in H9c2 cells using anti-DNA methyltransferase 3 alpha antibody (Cat#3760, 1:2,000). Green, isotype control; red, DNA methyltransferase 3 alpha.

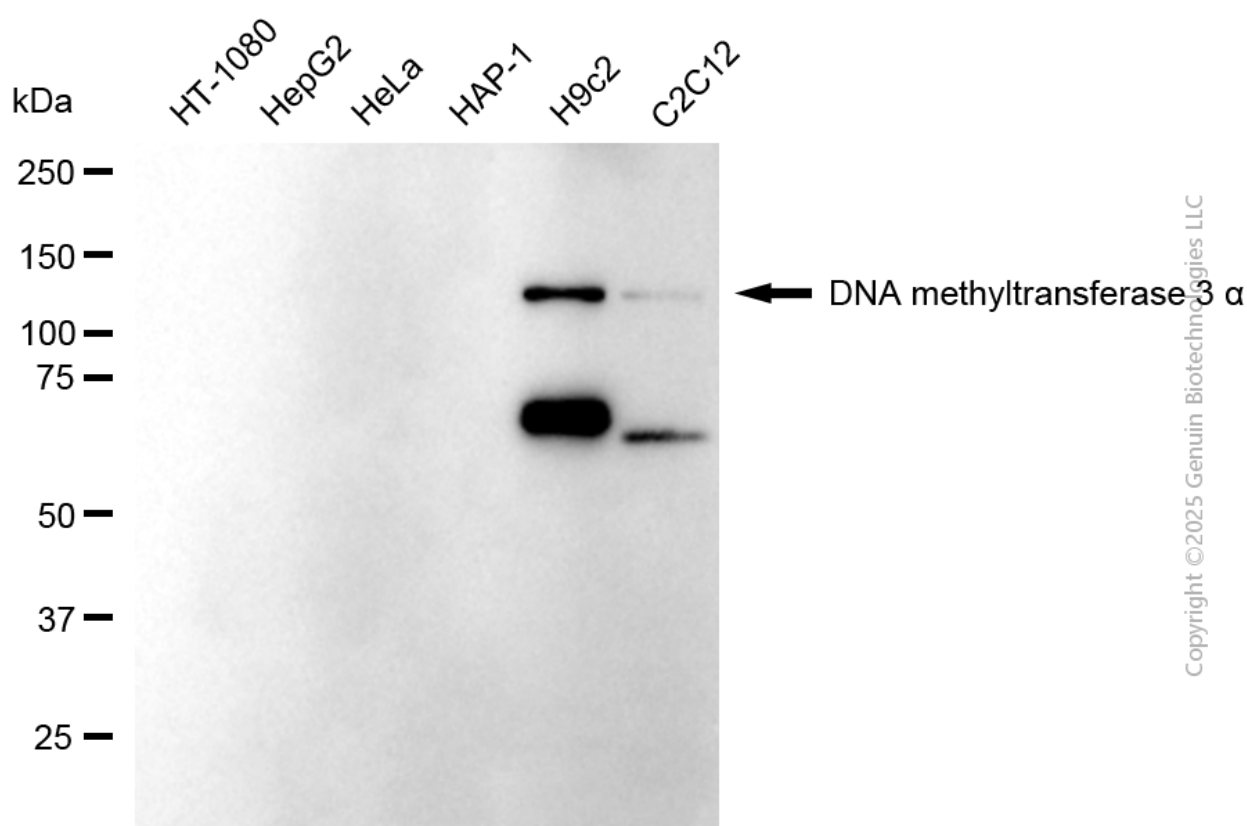
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Western blotting analysis using anti-DNA methyltransferase 3 alpha antibody (Cat#3760). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-DNA methyltransferase 3 alpha antibody (Cat#3760, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQTM ECL Substrate Kit (Cat#226).