

# KD-Validated Anti-TRNA Methyltransferase 2 Homolog Recombinant Rabbit Monoclonal



**Catalog #: 61549**

## Aliases

TRMT2A; TRNA Methyltransferase 2 Homolog ; HTF9; TRNA (Uracil-5-)-Methyltransferase Homolog A; MRNA (Uracil-5-)-Methyltransferase TRMT2A;  
TRNA Methyltransferase 2 Homolog A (S. Cerevisiae); TRM2 TRNA Methyltransferase 2 Homolog A; HpaII Tiny Fragments Locus 9c Protein; HpaII Tiny Fragments Locus 9C; EC 2.1.1.35; EC 2.1.1.-

## Background

Gene Name: TRMT2A

NCBI Gene Entry: [27037](#)

UniProt Entry: [Q8IZ69](#)

## Application Information

Molecular Weight: Predicted, 69 kDa, observed, 69 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB2785

Species Reactivity: Human, mouse

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

## Immunogen

A synthesized peptide derived from human HTF9C

## 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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### SUPPORT

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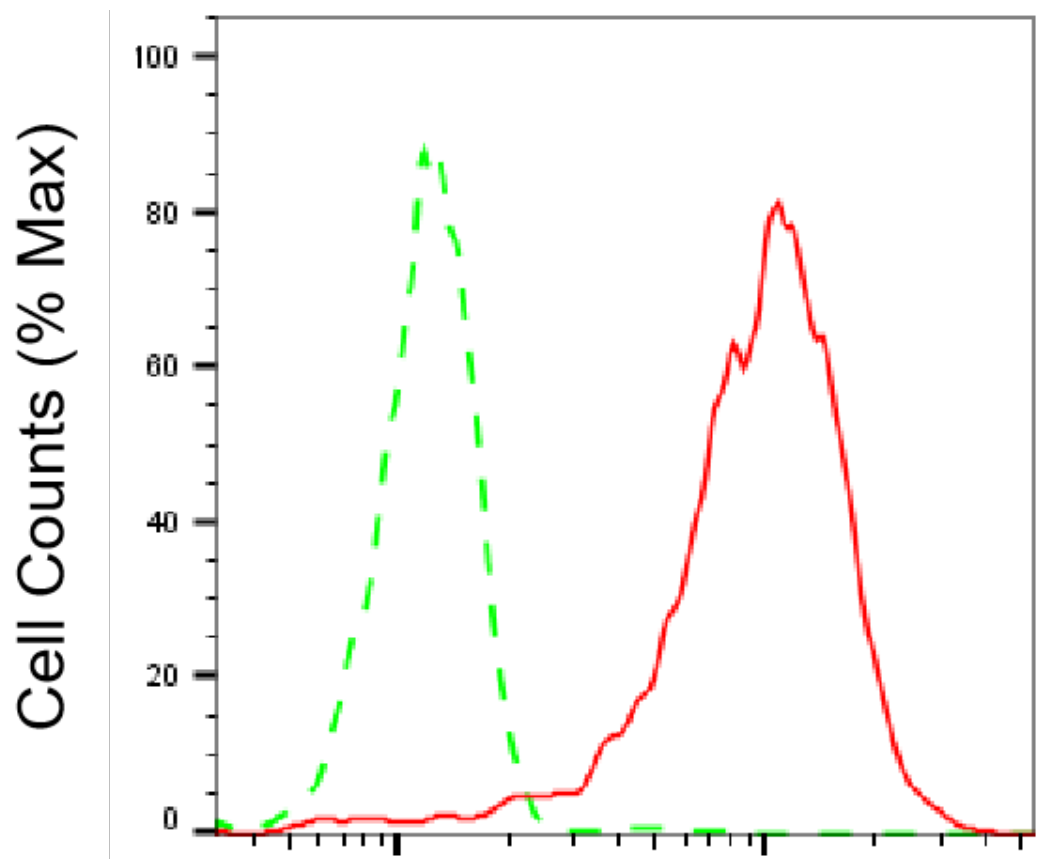
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**Note:** This product is for research use only.

### Validation Data



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### tRNA methyltransferase 2 homolog A-Alexa Fluor® 647

Flow cytometric analysis of tRNA methyltransferase 2 homolog A expression in HepG2 cells using anti-tRNA methyltransferase 2 homolog A antibody (Cat#61549, 1:2,000). Green, isotype control; red, tRNA methyltransferase 2 homolog A.

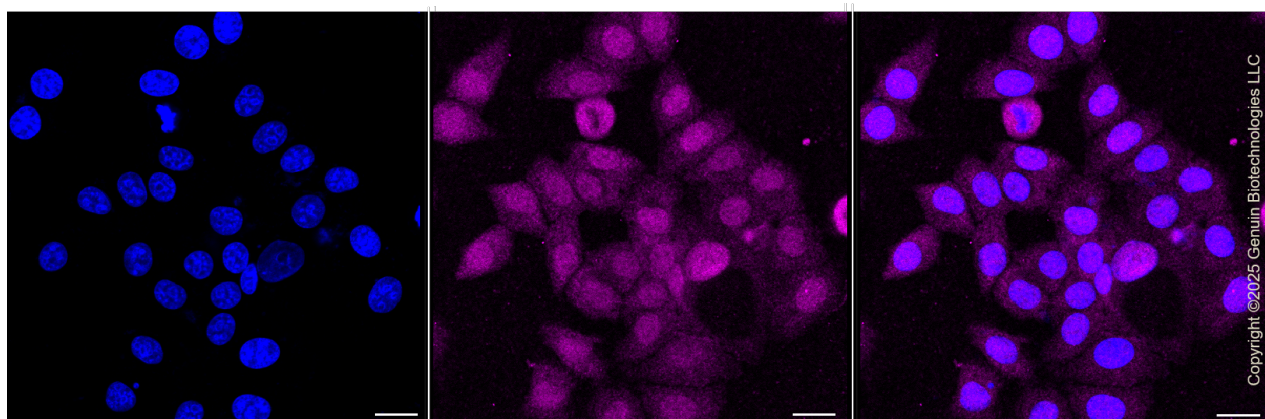
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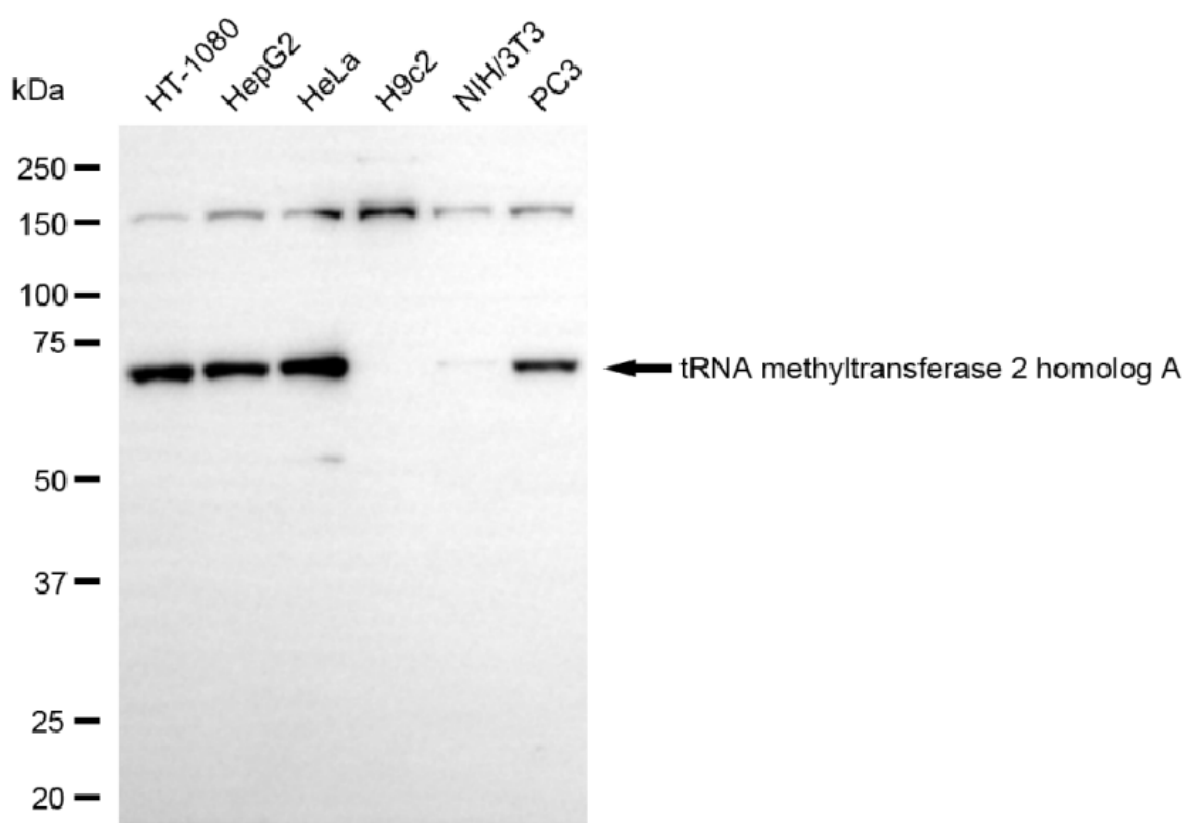
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Immunocytochemical staining of HepG2 cells with anti-tRNA methyltransferase 2 homolog A antibody (Cat#61549, 1:1,000). Nuclei were stained blue with DAPI; tRNA methyltransferase 2 homolog A was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Meidum. Scale bar, 20  $\mu$ m.



Western blotting analysis using anti-tRNA methyltransferase 2 homolog A antibody (Cat#61549). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-tRNA methyltransferase 2 homolog A antibody (Cat#61549, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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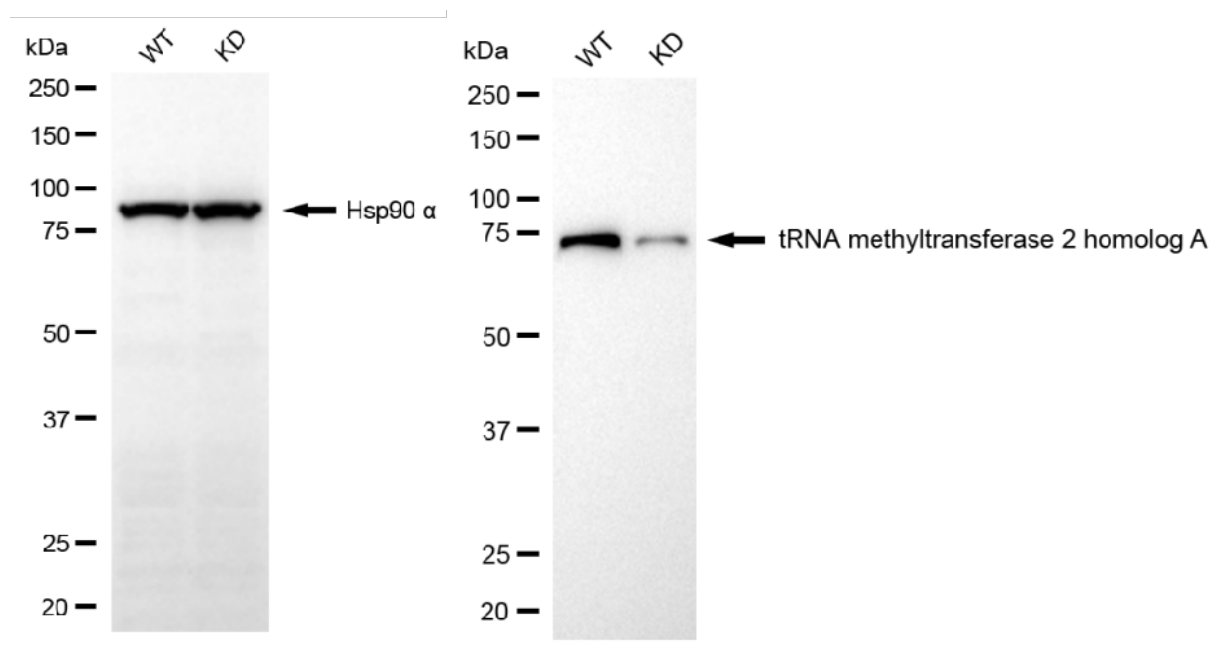
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Western blotting analysis using anti-tRNA methyltransferase 2 homolog A antibody (Cat#61549). tRNA methyltransferase 2 homolog A expression in wild type (WT) and tRNA methyltransferase 2 homolog A (TRMT2A) knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-tRNA methyltransferase 2 homolog A antibody (Cat#61549, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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