

# Anti-Methylmalonyl-CoA mutase Recombinant Rabbit Monoclonal Antibody



**Catalog #: 3963**

## Aliases

MMUT; Methylmalonyl-CoA Mutase; MCM; MUT; Methylmalonyl-CoA Mutase, Mitochondrial; Methylmalonyl Coenzyme A Mutase; Methylmalonyl-CoA Isomerase; EC 5.4.99.2; Methylmalonyl-CoA Mutase Variant C.613\_615delGAA; Methylmalonyl-CoA Mutase Variant C.1495G>A; Methylmalonyl-CoA Mutase Variant C.2011A>G; Methylmalonyl-CoA Mutase Variant C.2150G>T; Methylmalonyl-CoA Mutase Variant C.322C>T; Methylmalonyl-CoA Mutase Variant C.636G>A; Methylmalonyl-CoA Mutase Variant C.643G>A; Methylmalonyl-CoA Mutase C.\*192delA; Methylmalonyl-CoA Mutase C.\*51C>G; Mutant Methylmalonyl CoA Mutase

## Background

Gene Name: MMUT

NCBI Gene Entry: [4594](#)

UniProt Entry: [P22033](#)

## Application Information

Molecular Weight: Predicted, 83 kDa; observed, 74 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB8905

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human MUTA

## 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

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### SUPPORT

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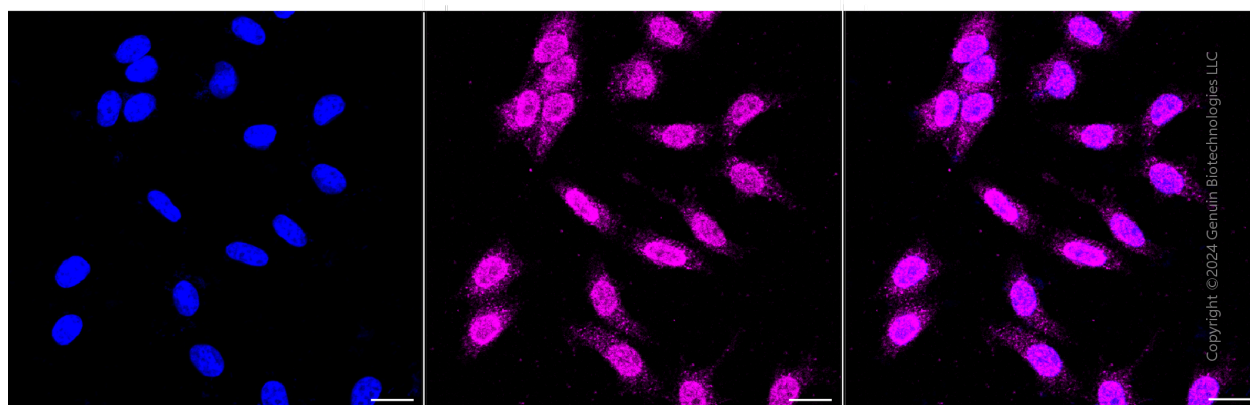
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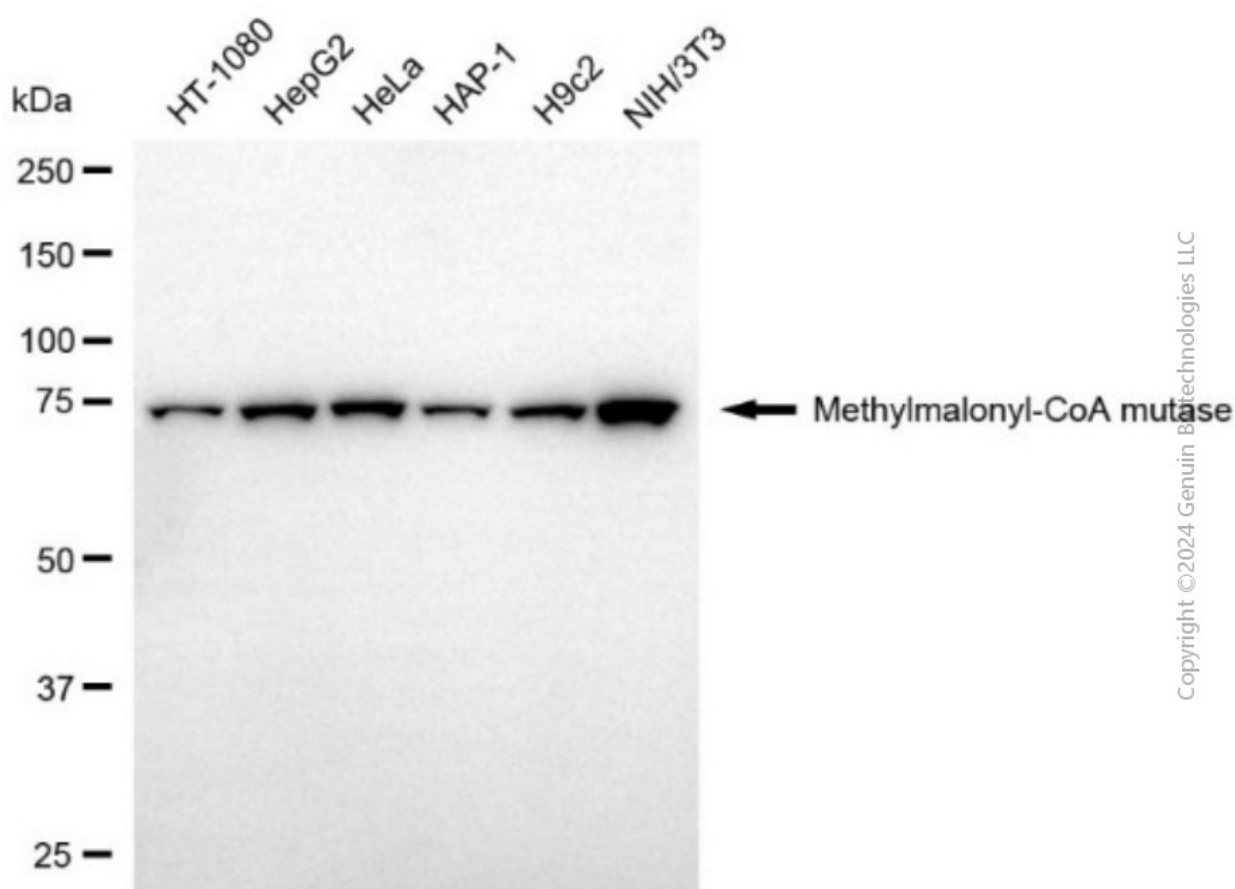
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**Note:** This product is for research use only.

## Validation Data



Immunocytochemical staining of HepG2 cells with anti-methylmalonyl-CoA mutase antibody (Cat#3963, 1:1,000). Nuclei were stained blue with DAPI; Methylmalonyl-CoA mutase was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20  $\mu$ m.



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## **Anti-Methylmalonyl-CoA mutase Recombinant Rabbit Monoclonal Antibody**

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Western blotting analysis using anti-methylmalonyl-CoA mutase antibody (Cat#3963). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-methylmalonyl-CoA mutase antibody (Cat#3963, 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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