

# Anti-Methyl-CpG Binding Domain Protein 3 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 2259**

## Aliases

Methyl-CpG Binding Domain Protein 3; Methyl-CpG-Binding Domain Protein; Methyl-CpG-Binding Protein MBD3

## Background

Gene Name: MBD3

NCBI Gene Entry: [53615](#)

UniProt Entry: [O95983](#)

## Application Information

Molecular Weight: Predicted, 33 kDa; observed, 33 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB10

Species Reactivity: Human, mouse, rat

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

## Immunogen

A synthesized peptide derived from human MBD3

## 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

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

## Validation Data

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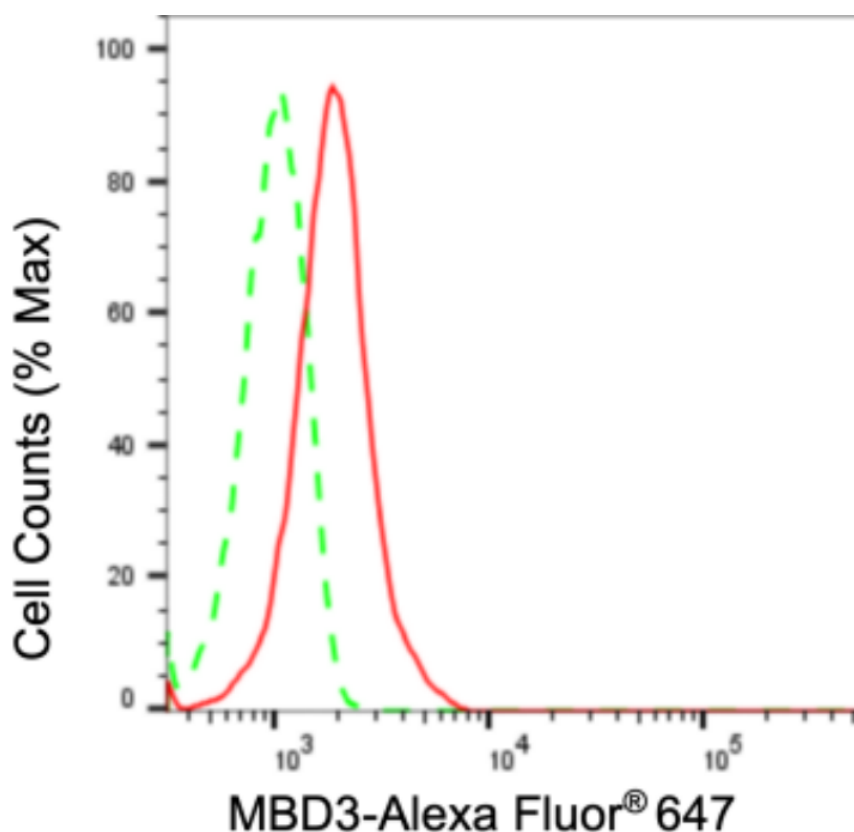
### SUPPORT

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### ORDERS

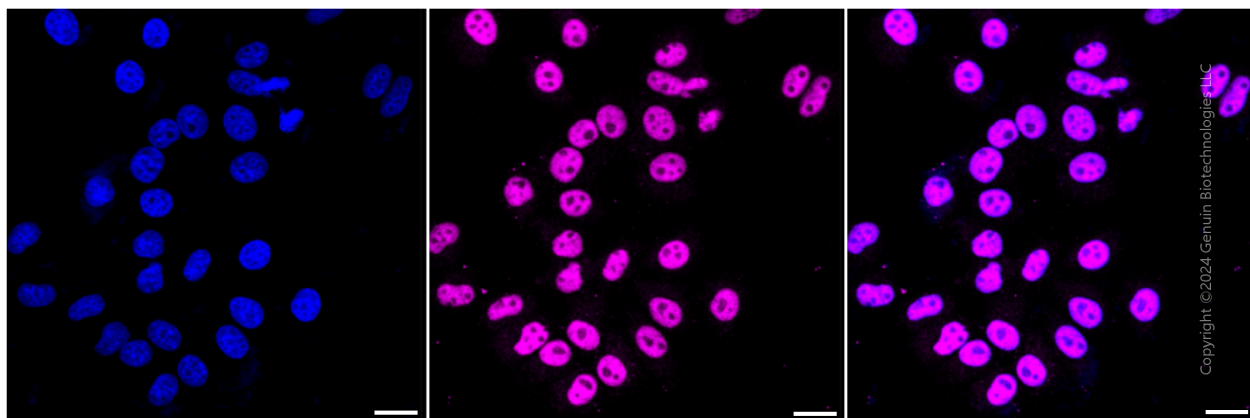
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Flow cytometric analysis of MBD3 expression in HepG2 cells using MBD3 antibody (Cat#2259, 1:2,000). Green, isotype control; red, MBD3.



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Immunocytochemical staining of HepG2 cells with anti-MBD3 antibody (Cat#2259, 1:1,000). Nuclei were stained blue with DAPI; MBD3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.

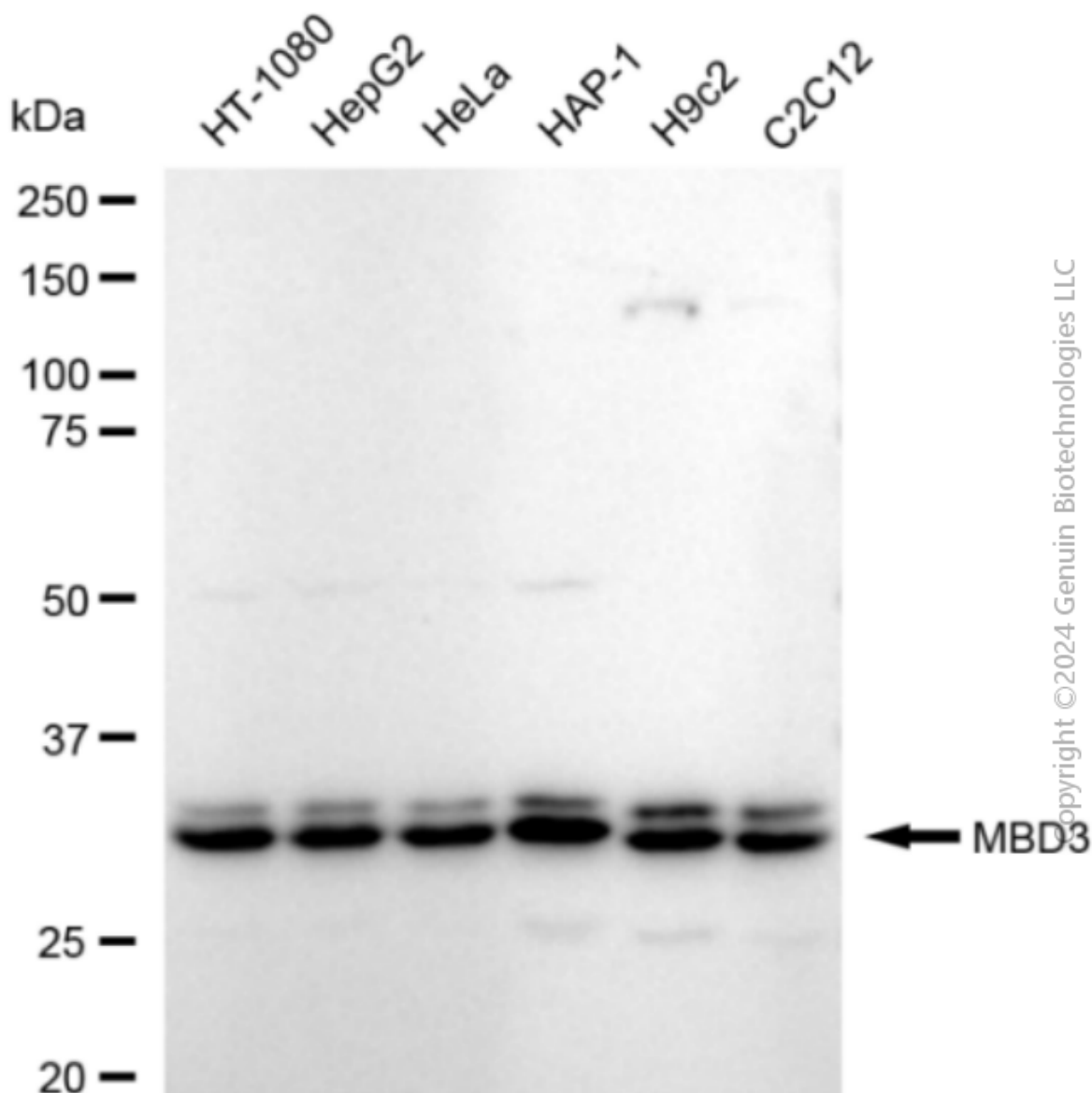
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Western blotting analysis using anti-MBD3 antibody (Cat#2259). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MBD3 antibody (Cat#2259, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).