

Anti-MCM2 Recombinant Rabbit Monoclonal Antibody



Catalog #: 1804

Aliases

MCM2; Minichromosome Maintenance Complex Component 2; BM28; KIAA0030; D3S3194; DFNA70; CCNL1; CDCL1; Minichromosome Maintenance Protein 2 Homolog; DNA Replication Licensing Factor MCM2; Nuclear Protein BM28; Cdc19; MCM2 Minichromosome Maintenance Deficient 2, Mitotin (S. Cerevisiae); Minichromosome Maintenance Deficient (S. Cerevisiae) 2 (Mitotin); Minichromosome Maintenance Deficient 2 (Mitotin); Cell Devision Cycle-Like 1; Cyclin-Like 1; EC 3.6.4.12; Mitotin; MITOTIN; CDC19

Background

Gene Name: MCM2

NCBI Gene Entry: [4171](#)

UniProt Entry: [P49736](#)

Application Information

Molecular Weight: Predicted, 102 kDa; observed, 125 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB4545

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human MCM2

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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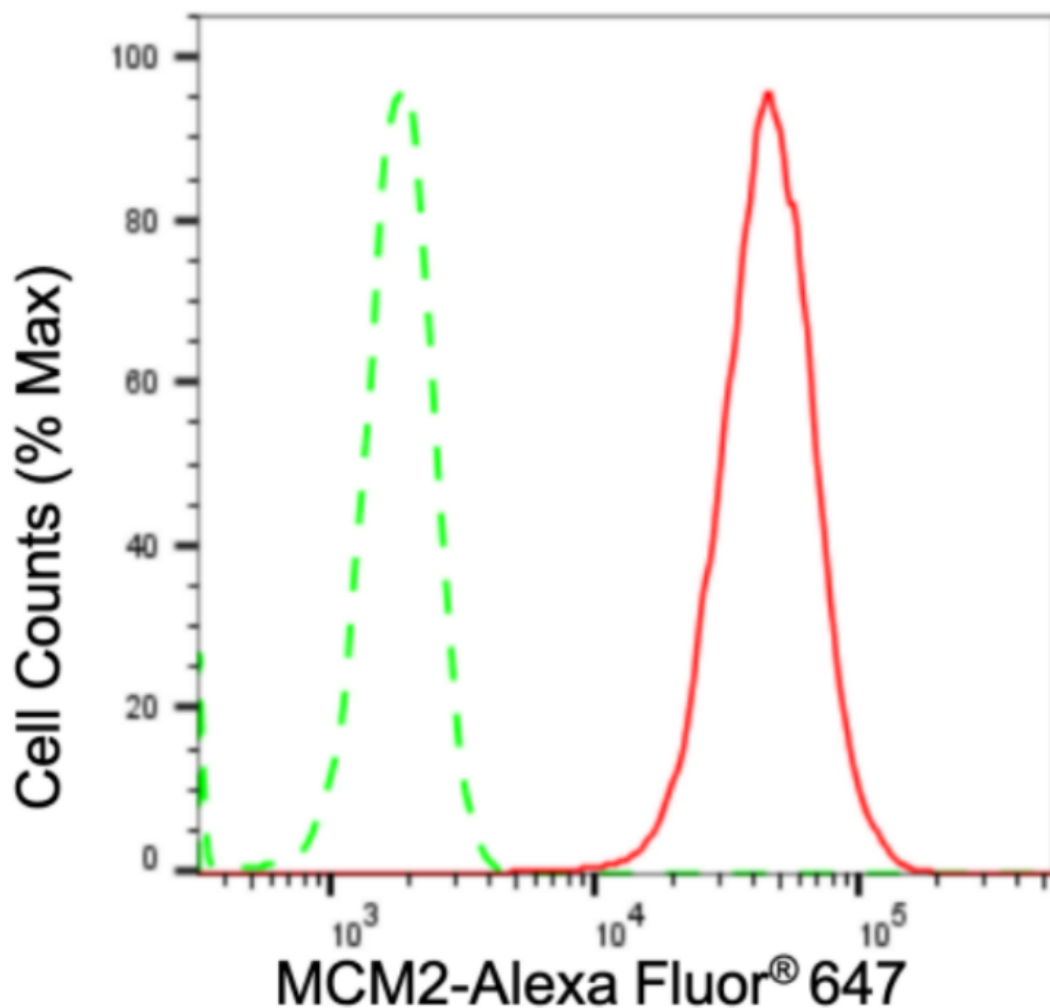
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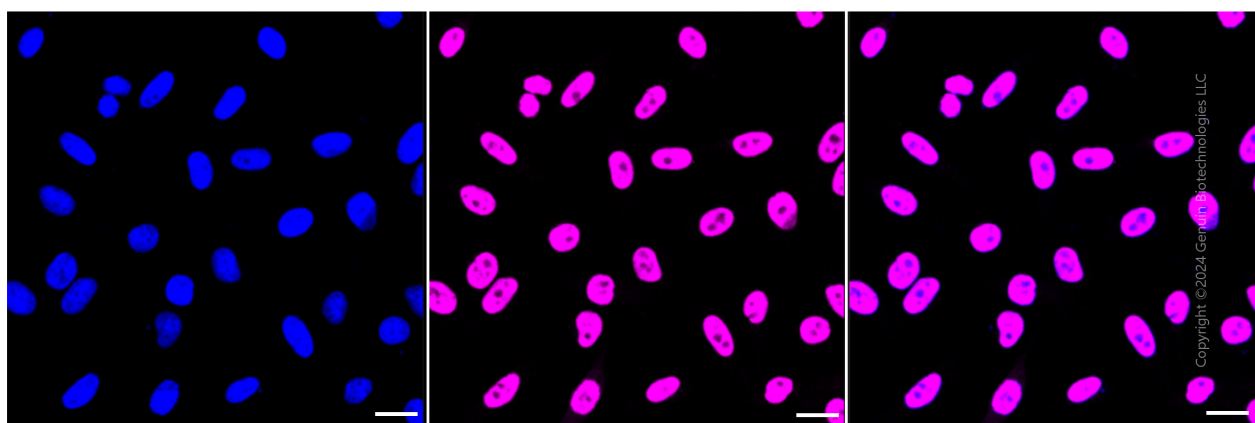
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Validation Data



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Flow cytometric analysis of MCM2 expression in HepG2 cells using MCM2 antibody (Cat#1804, 1:2,000). Green, isotype control; red, MCM2.



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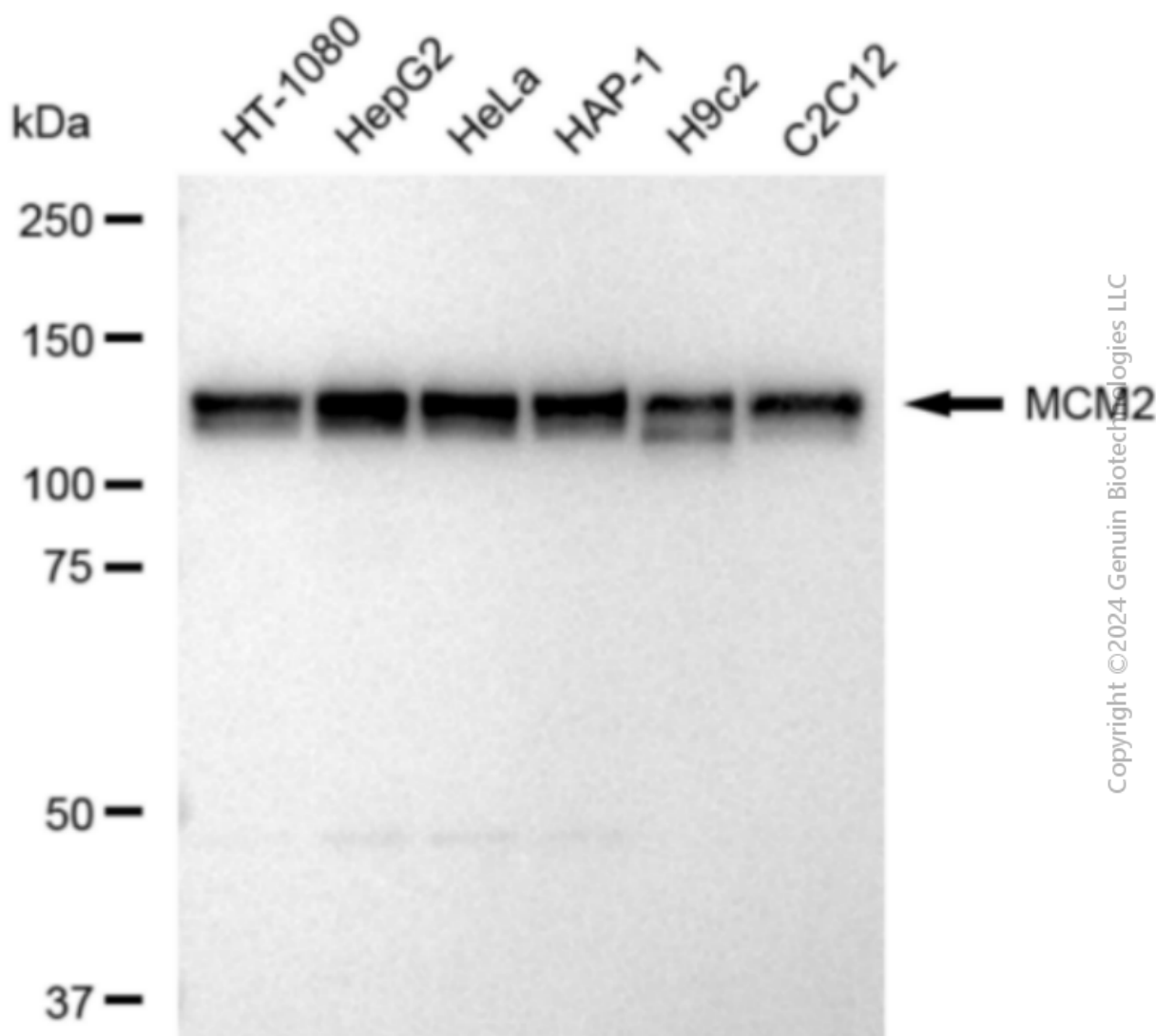
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Immunocytochemical staining of HepG2 cells with MCM2 antibody (Cat#1804, 1:1,000). Nuclei were stained blue with DAPI; MCM2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 μ m.



Western blotting analysis using anti-MCM2 antibody (Cat#1804). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MCM2 antibody (Cat#1804, 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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