

Anti-MCM7 Recombinant Rabbit Monoclonal Antibody



Catalog #: 4371

Aliases

Minichromosome Maintenance Complex Component 7; CDC47; PPP1R104; MCM2; Protein Phosphatase 1, Regulatory Subunit 104; DNA Replication Licensing Factor MCM7; CDC47 Homolog; P1.1-MCM3; MCM7 Minichromosome Maintenance Deficient 7 (S. Cerevisiae); Minichromosome Maintenance Deficient (S. Cerevisiae) 7; Minichromosome Maintenance Deficient 7; Homolog Of S. Cerevisiae Cdc47; EC 3.6.4.12; P1CDC47; PNAS146; P85MCM

Background

Gene Name: MCM7

NCBI Gene Entry: [4176](#)

UniProt Entry: [P33993](#)

Application Information

Molecular Weight: Predicted, 81 kDa; observed, 81 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB10885

Species Reactivity: Human, rat

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

Immunogen

A synthesized peptide derived from human MCM7

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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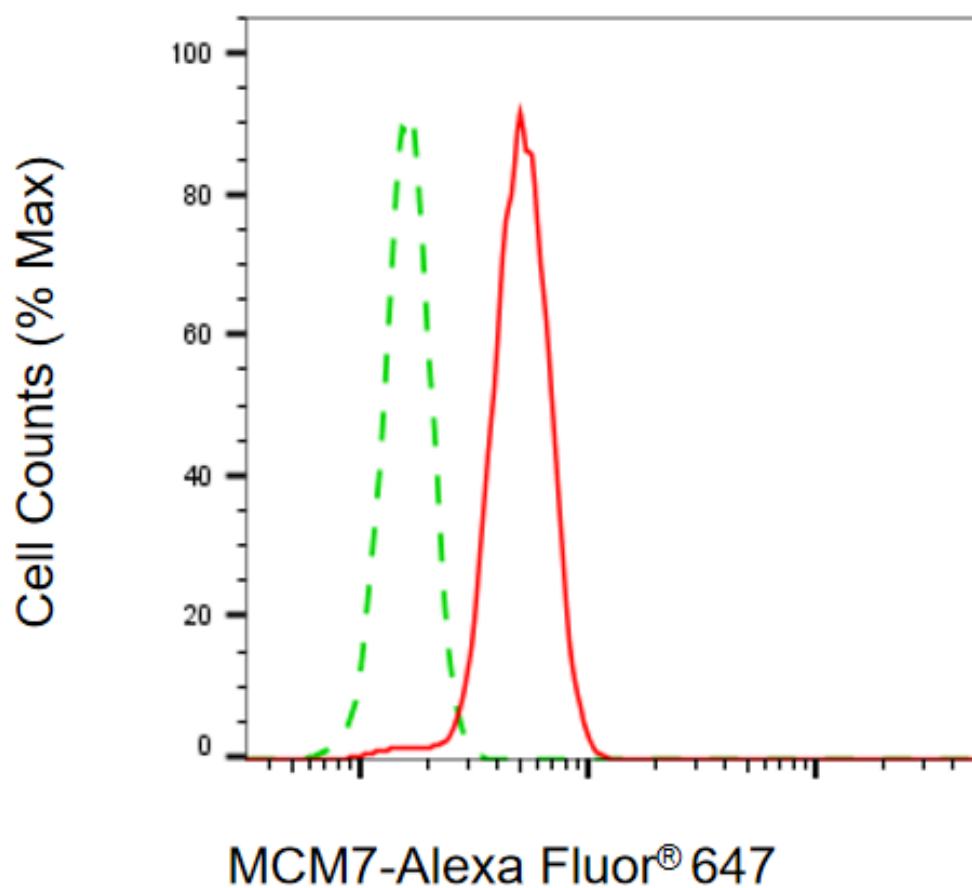
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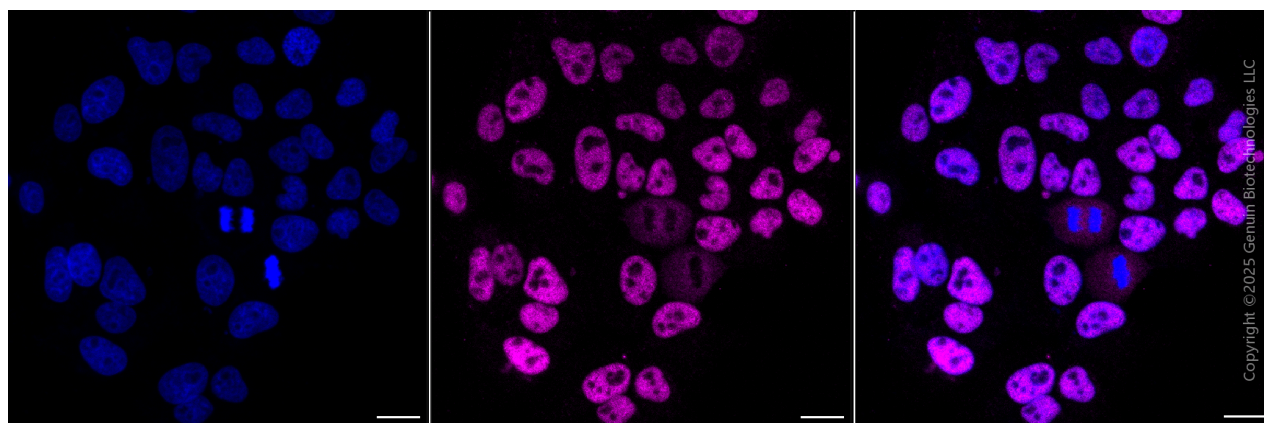
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Validation Data



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Flow cytometric analysis of MCM7 expression in HepG2 cells using anti-MCM7 antibody (Cat#4371, 1:2,000). Green, isotype control; red, MCM7.



Immunocytochemical staining of HepG2 cells with anti-MCM7 antibody (Cat#4371, 1:1,000).

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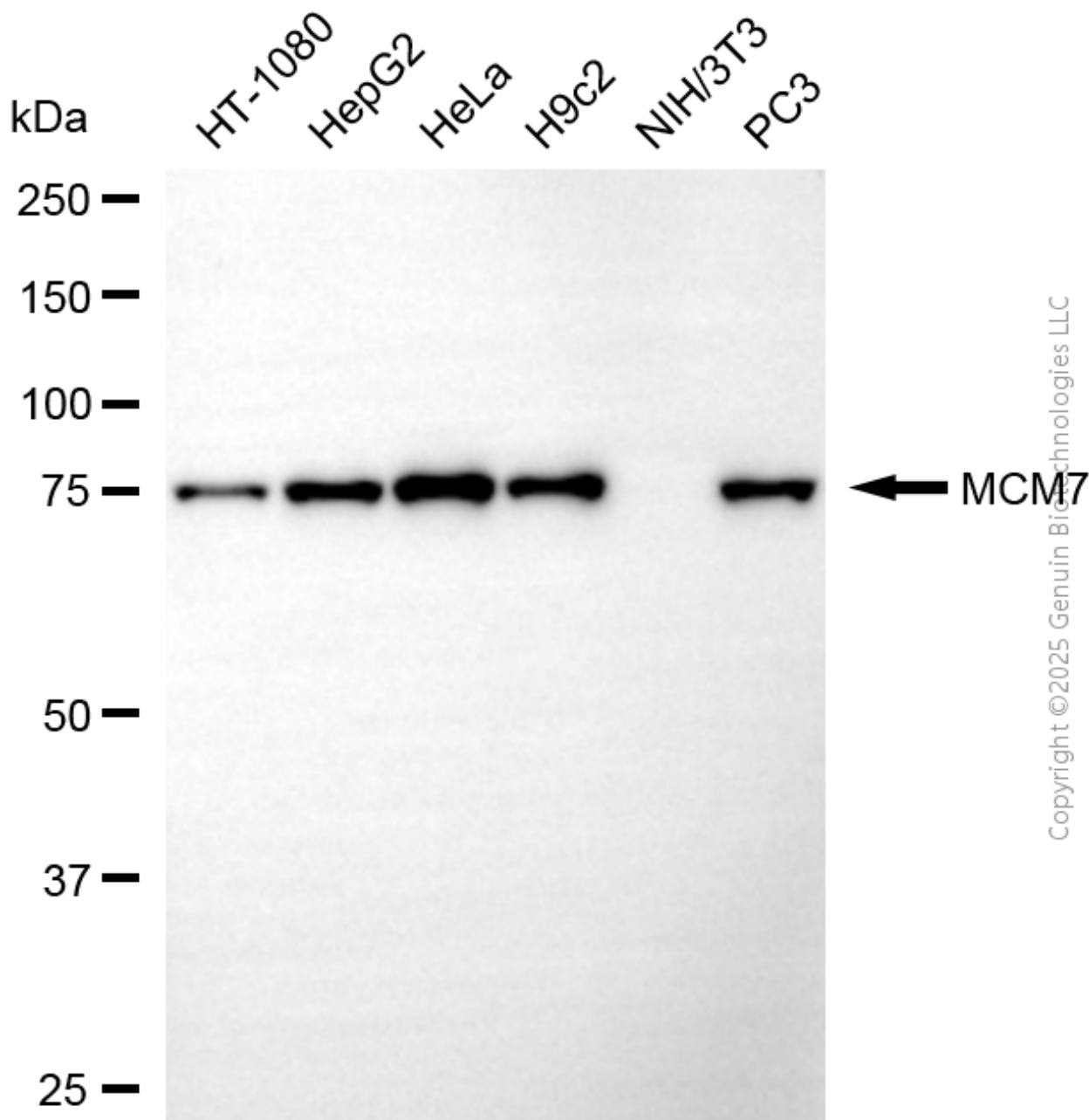
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Nuclei were stained blue with DAPI; MCM7 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.



Western blotting analysis using anti-MCM7 antibody (Cat#4371). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MCM7 antibody (Cat#4371, 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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