Anti-MCM4 Recombinant Rabbit Monoclonal Antibody

Catalog #: 1272

Aliases

MCM4; Minichromosome Maintenance Complex Component 4; DNA Replication Licensing Factor MCM4; P1-CDC21; CDC54; CDC21; MGC33310; HCdc21; MCM4 Minichromosome Maintenance Deficient 4 (S. Cerevisiae); Homolog Of S. Pombe Cell Devision Cycle 21; Minichromosome Maintenance Deficient 4; CDC21 Homolog; EC 3.6.4.12; P1-Cdc21; HCDC21; IMD54; NKGCD; NKCD

Background

Gene Name: MCM4
NCBI Gene Entry: 4173
UniProt Entry: P33991

Application Information

Molecular Weight: Predicted, 97 kDa; observed, 97 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 23GB2495
Species Reactivity: Human, mouse
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human MCM4

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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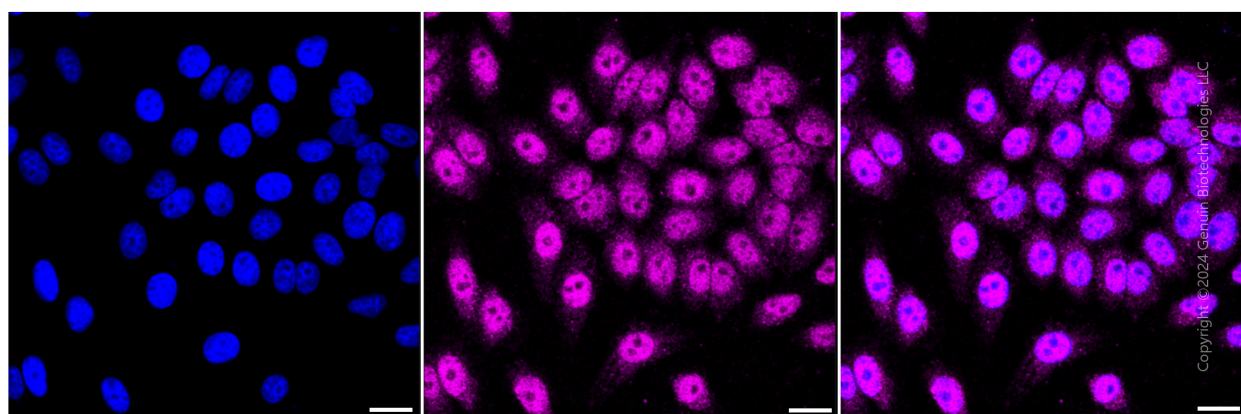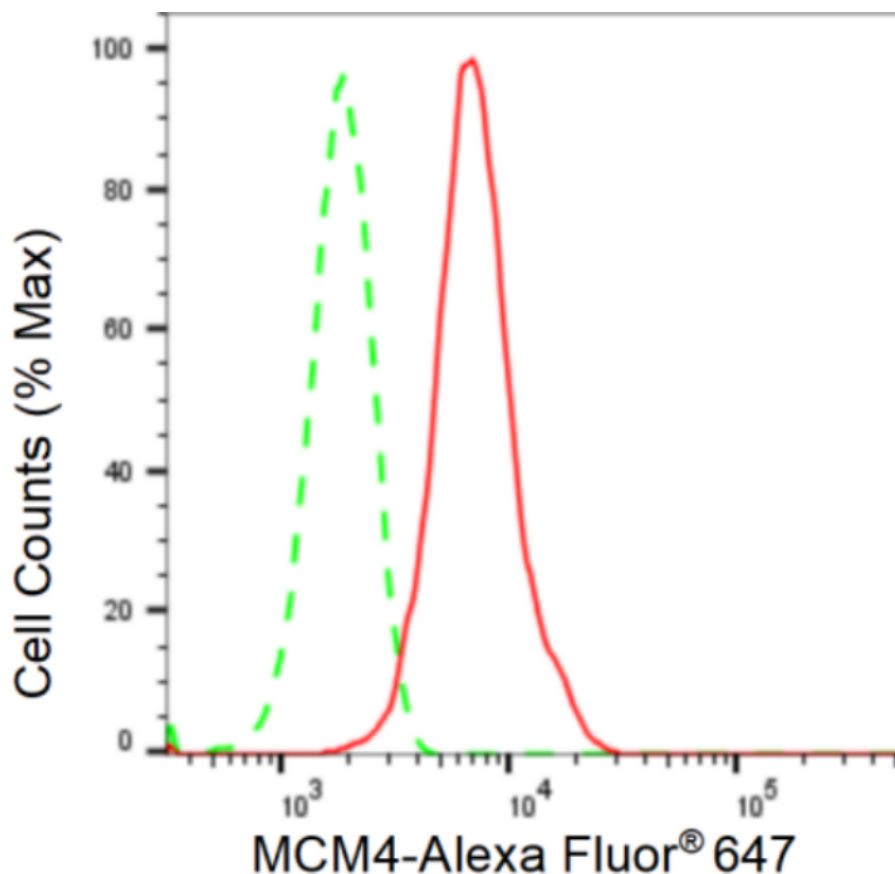
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Note: This product is for research use only.

Validation Data

Flow cytometric analysis of MCM4 expression in HepG2 cells using MCM4 antibody (Cat#1272, 1:2,000). Green, isotype control; red, MCM4.

Immunocytochemical staining of HepG2 cells with MCM4 antibody (Cat#1272, 1:1,000). Nuclei were stained blue with DAPI; MCM4 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium.

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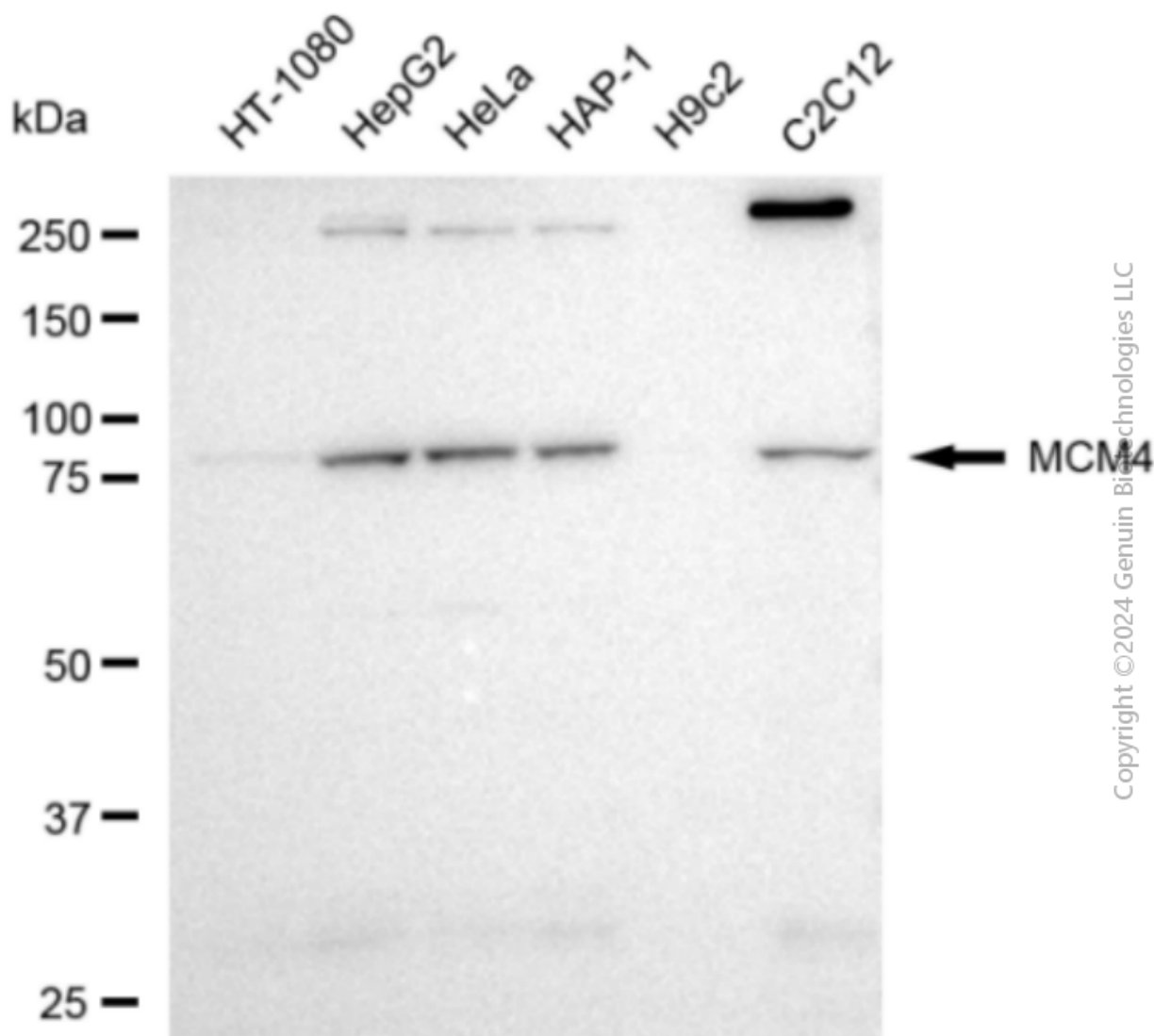SUPPORT@GENUINBIOTECH.COM
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Scale bar: 20 μm.

Western blotting analysis using anti-MCM4 antibody (Cat#1272). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MCM4 antibody (Cat#1272, 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).