Anti-MCM7 Rabbit Monoclonal Antibody

Catalog #: 4726

Aliases

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

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: 24GB12640
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

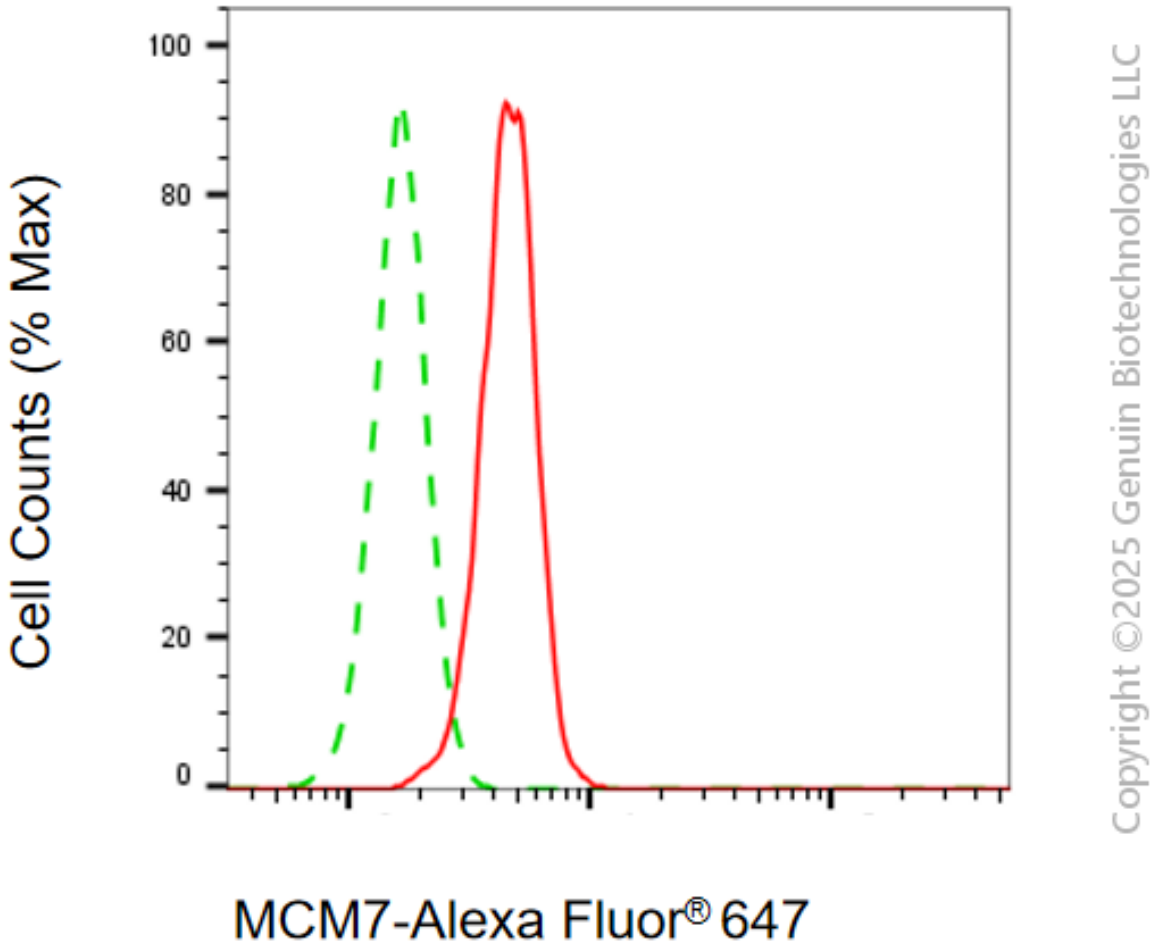
Store at -20 °C for one year.

Recommended Dilutions

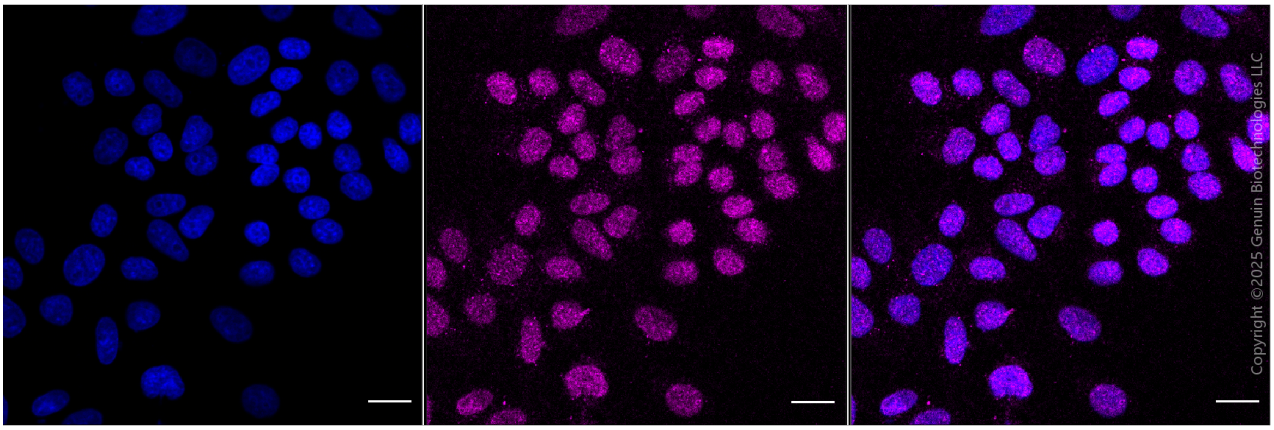
Western Blotting (WB): 1:1,000-1:5,000
Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

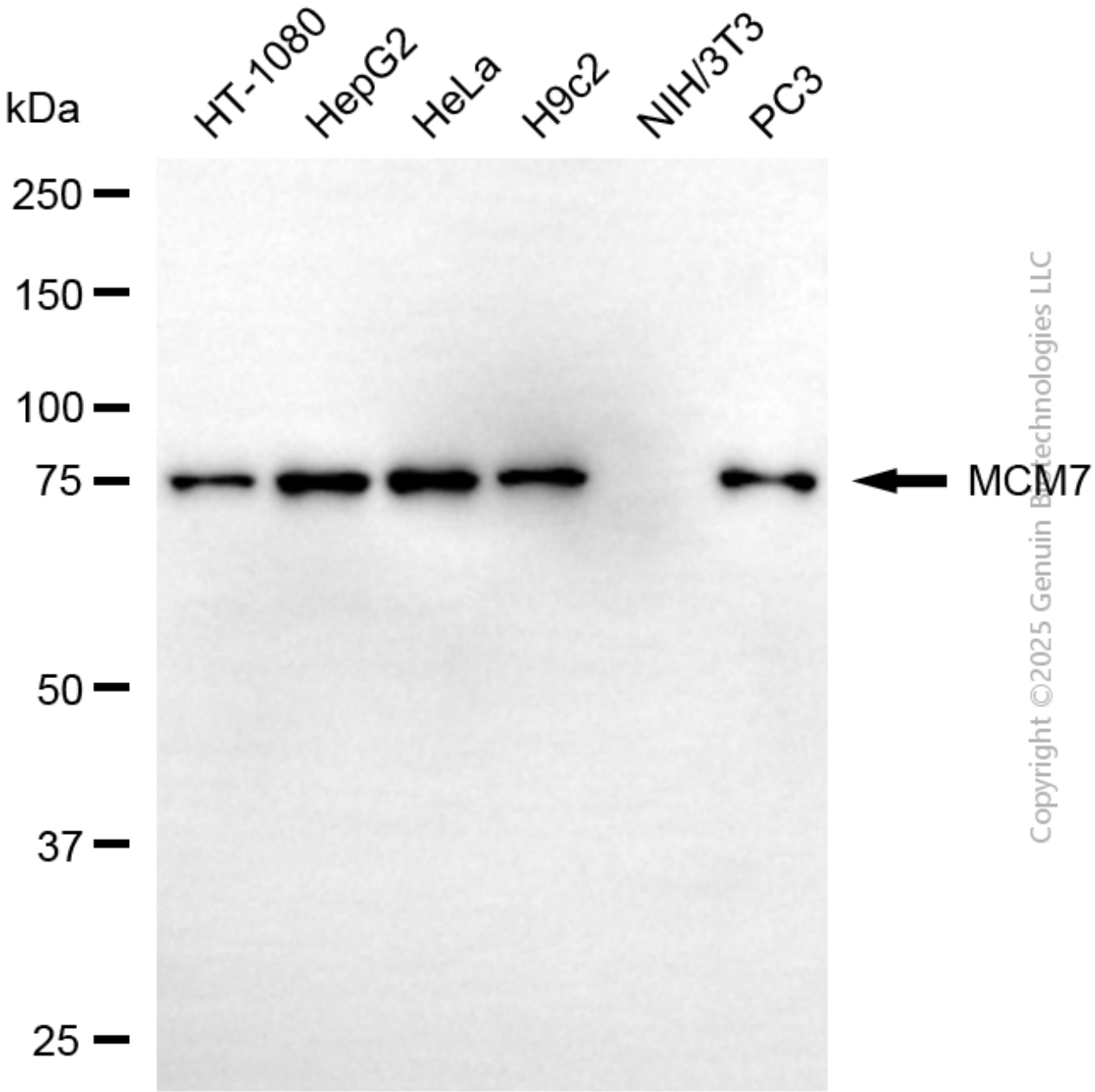
Validation Data



Flow cytometric analysis of MCM7 expression in HepG2 cells using anti-MCM7 antibody (Cat#4726, 1:2,000). Green, isotype control; red, MCM7.



Immunocytochemical staining of HepG2 cells with anti-MCM7 antibody (Cat#4726, 1:1,000). 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 µm.



Western blotting analysis using anti-MCM7 antibody (Cat#4726). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MCM7 antibody (Cat#4726, 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).