Anti-Nucleolin Recombinant Rabbit Monoclonal Antibody

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REAL MATTERS

Catalog #: 2283

Aliases

Nucleolin; Nsr1; C23; Protein C23

Background

Gene Name: NCL
NCBI Gene Entry: 4691
UniProt Entry: P19338

Application Information

Molecular Weight: Predicted, 77 kDa; observed, 100 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB125
Species Reactivity: Human
Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Nucleolin

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
Immunocytochemistry (IC): 1:100-1:1,000

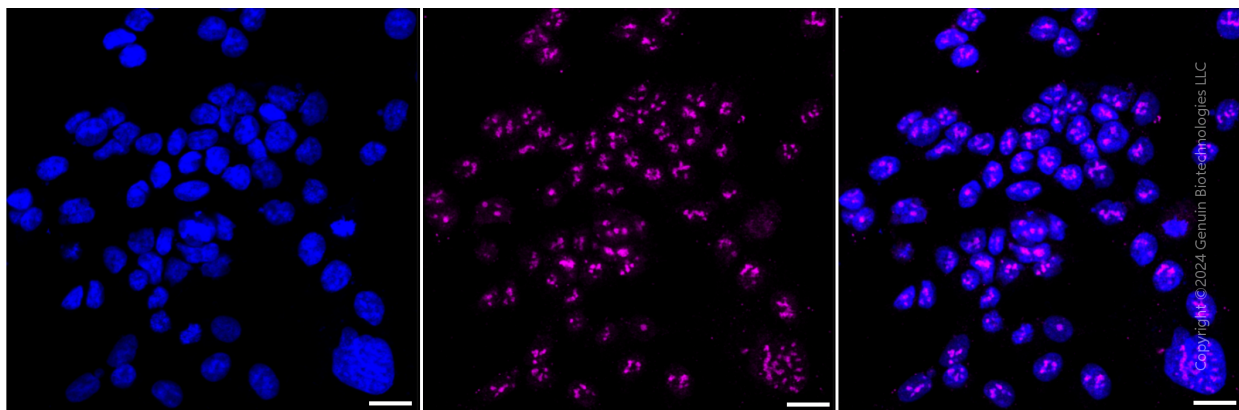**Note:** This product is for research use only.

Validation Data

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Immunocytochemical staining of HAP-1 cells with anti-Nucleolin antibody (Cat#2283, 1:1,000). Nuclei were stained blue with DAPI; Nucleolin 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.

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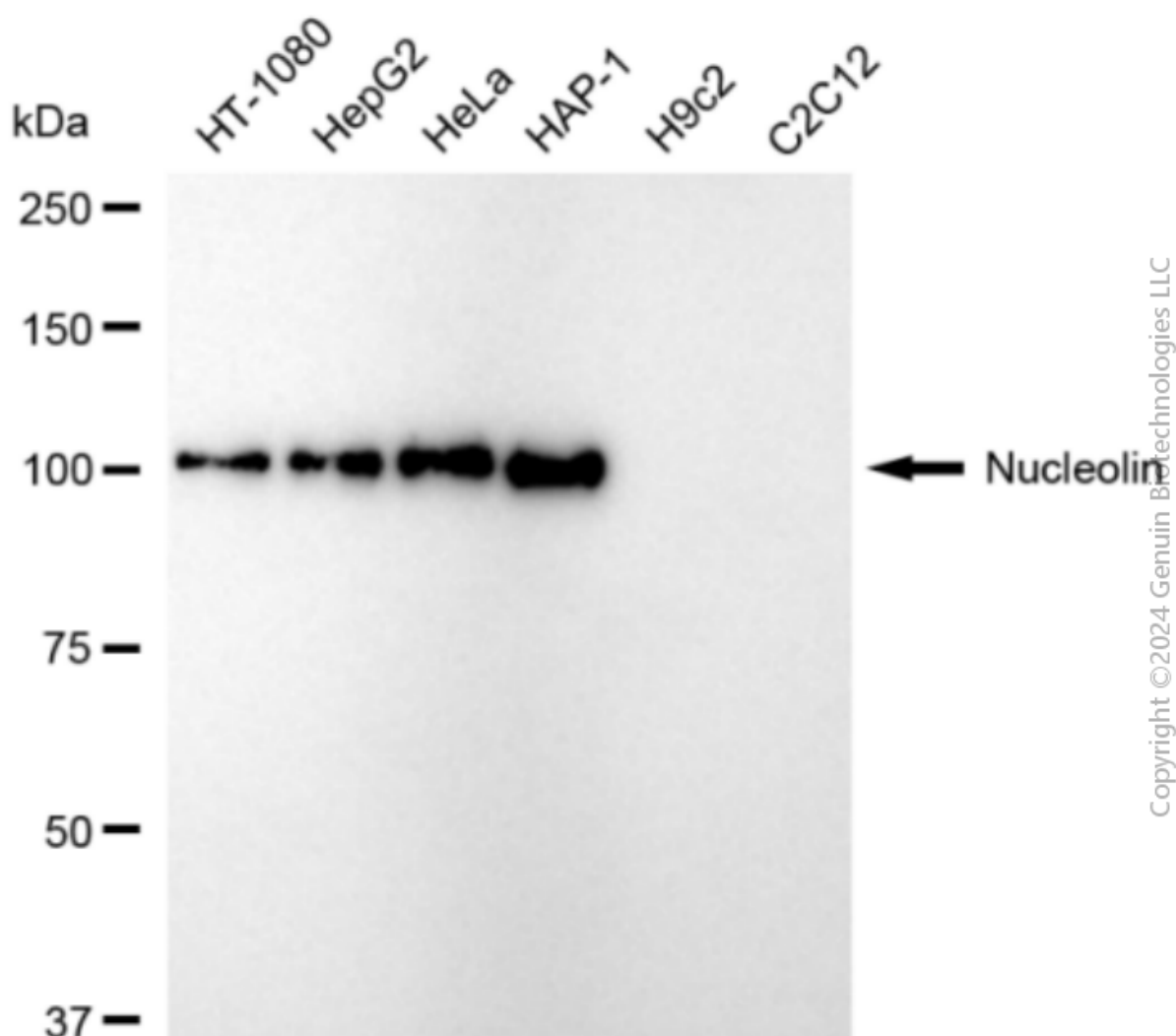
Western blotting analysis using anti-Nucleolin antibody (Cat#2283). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Nucleolin antibody (Cat#2283, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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