Anti-Ribonuclease Recombinant Rabbit Monoclonal Antibody

Catalog #: 2597

Aliases

Ribonuclease; RNS4; 2-5A-Dependent Ribonuclease; 2-5A-Dependent Rnase; Ribonuclease; RNase L; PRCA1; Ribonuclease L (2',5'-Oligoisoadenylate Synthetase-Dependent); 2',5'-Oligoisoadenylate Synthetase-Dependent; Interferon-Induced 2-5A-Dependent Rnase; Prostate Cancer 1; EC 3.1.26.-

Background

Gene Name: RNASEL
NCBI Gene Entry: 6041
UniProt Entry: Q05823

Application Information

Molecular Weight: Predicted, 84 kDa; observed, 74 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB1575
Species Reactivity: Human
Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human RNase L

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
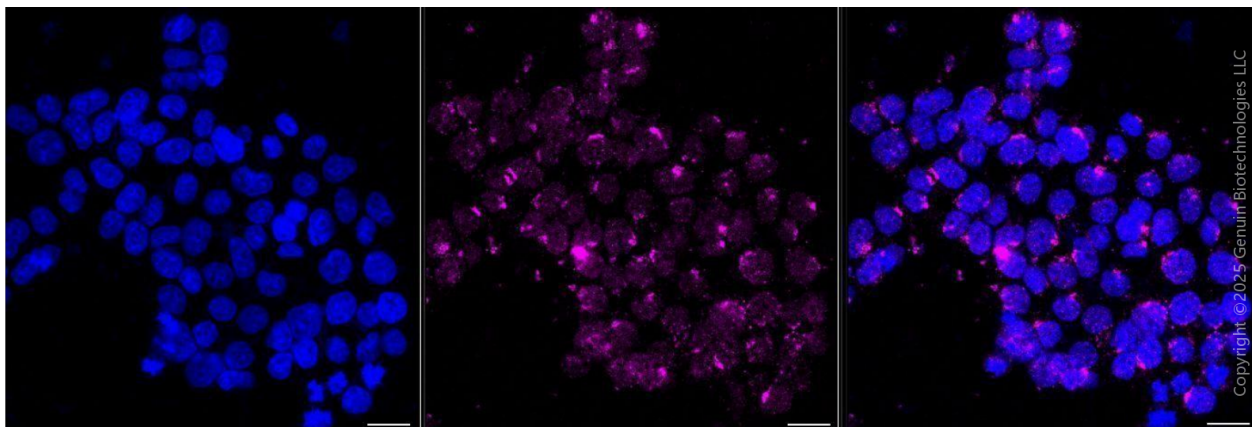
Note: This product is for research use only.

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Validation Data

Immunocytochemical staining of Hela cells with anti-Ribonuclease L antibody (Cat#2597, 1:1,000) . Nuclei were stained blue with DAPI; Ribonuclease L 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.

SUPPORT

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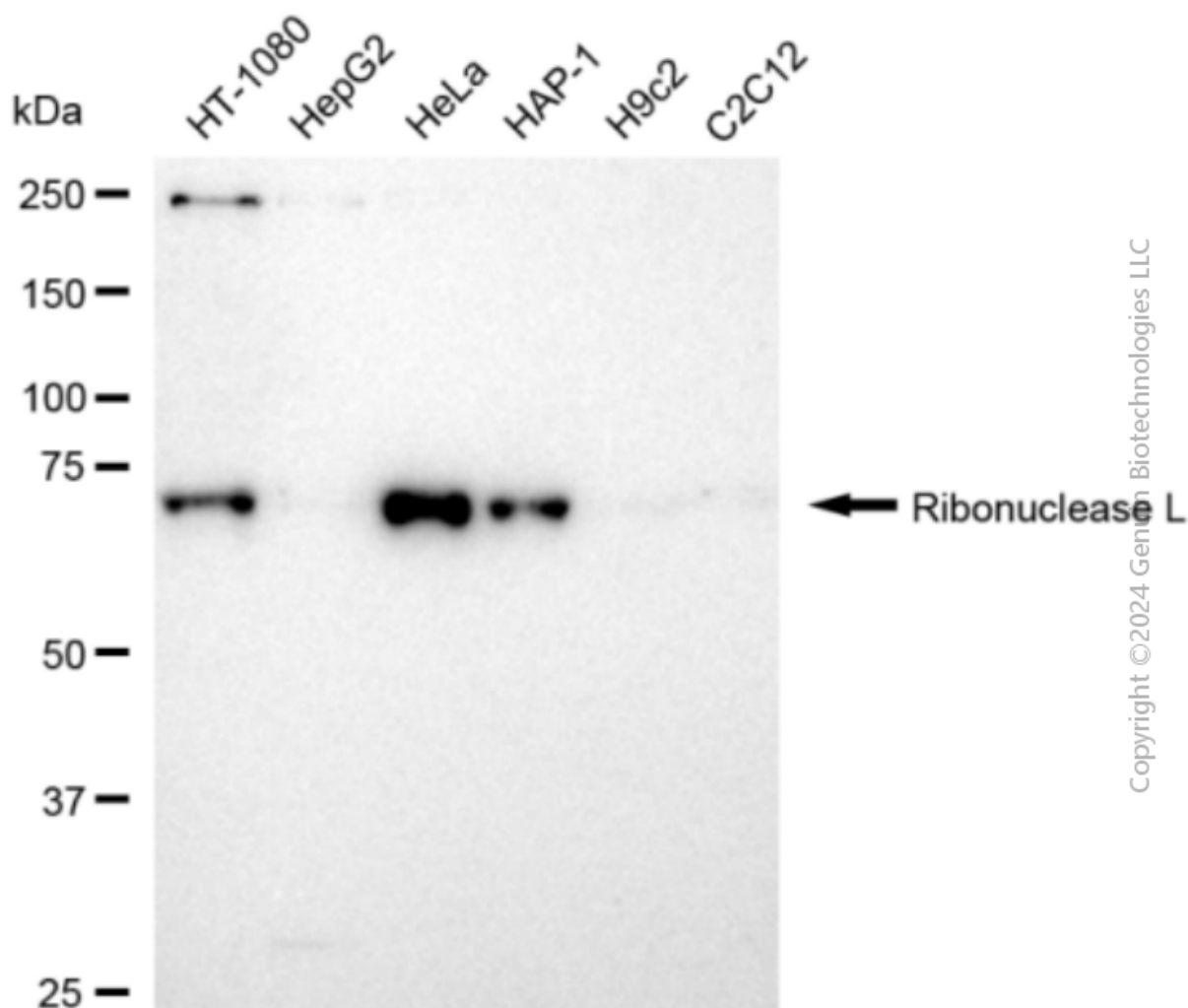
Western blotting analysis using anti-Ribonuclease L antibody (Cat#2597). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Ribonuclease L antibody (Cat#2597, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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