

Catalog #: 4742

Aliases

RELB; RELB Proto-Oncogene, NF-KB Subunit; REL-B; V-Rel Avian Reticuloendotheliosis Viral Oncogene Homolog B (Nuclear Factor Of Kappa Light Polypeptide Gene Enhancer In B-Cells 3); Transcription Factor RelB ; V-Rel Reticuloendotheliosis Viral Oncogene Homolog B, Nuclear Factor Of Kappa Light Polypeptide Gene Enhancer In B-Cells 3; I-REL; IMD53; I-Rel; IREL

Background

Gene Name: RELB

NCBI Gene Entry: [5971](#)

UniProt Entry: [Q01201](#)

Application Information

Molecular Weight: Predicted, 62 kDa; observed, 70 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB12720

Species Reactivity: Human, mouse

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

Immunogen

A synthesized peptide derived from human Rel B

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

SUPPORT

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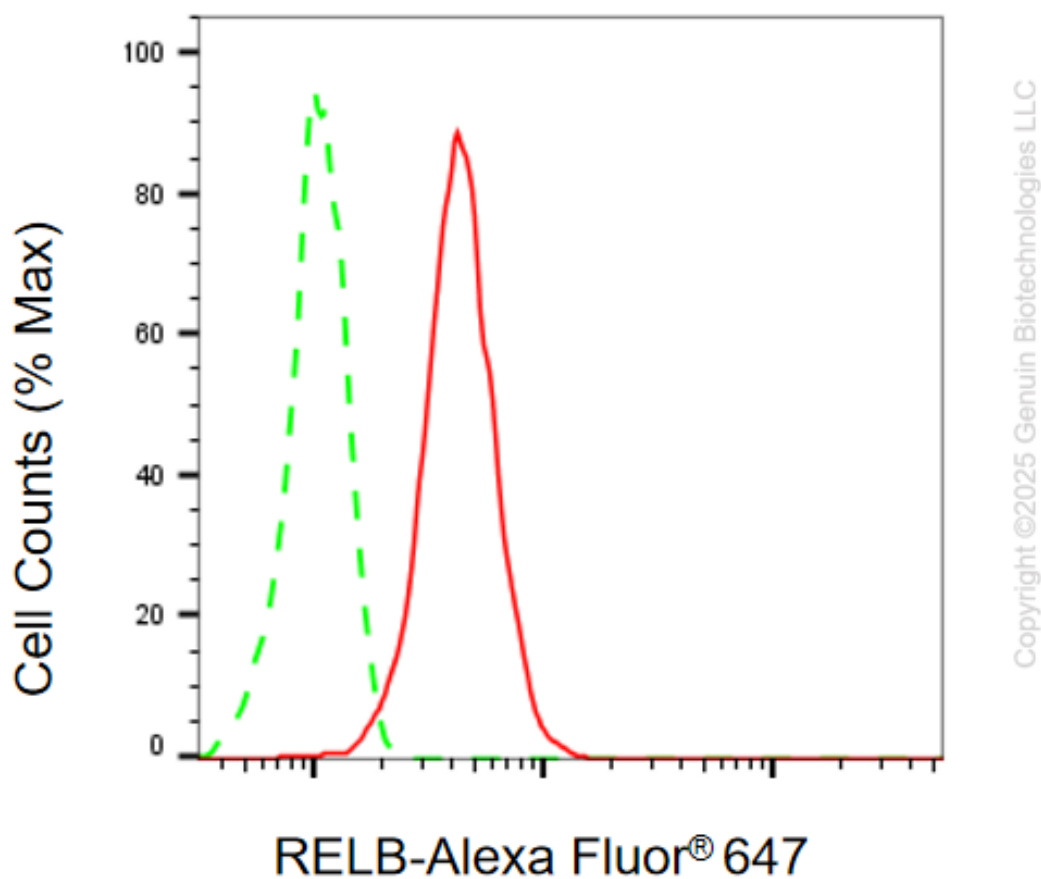
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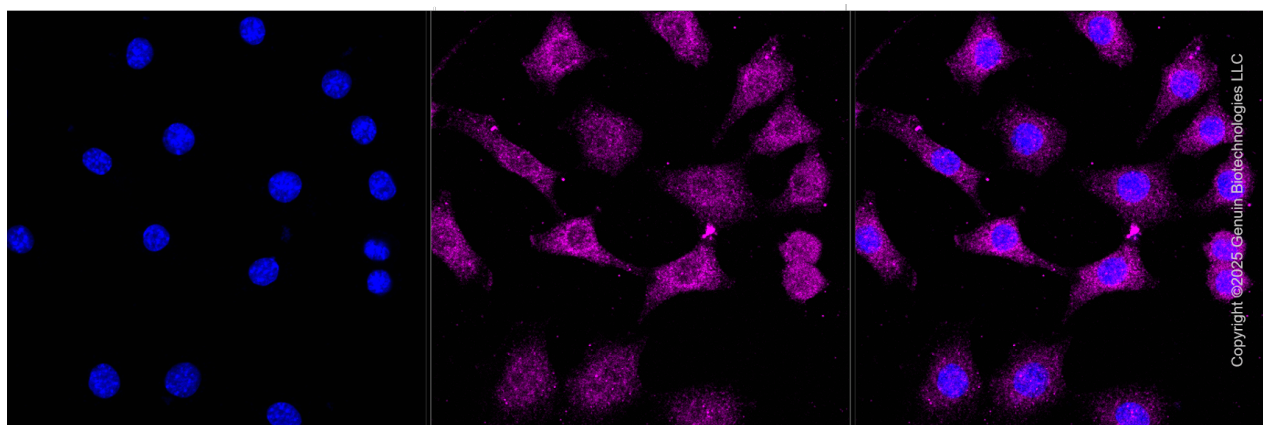
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Note: This product is for research use only.

Validation Data



Flow cytometric analysis of RELB expression in C2C12 cells using anti-RELB antibody (Cat#4742, 1:2,000). Green, isotype control; red, RELB.



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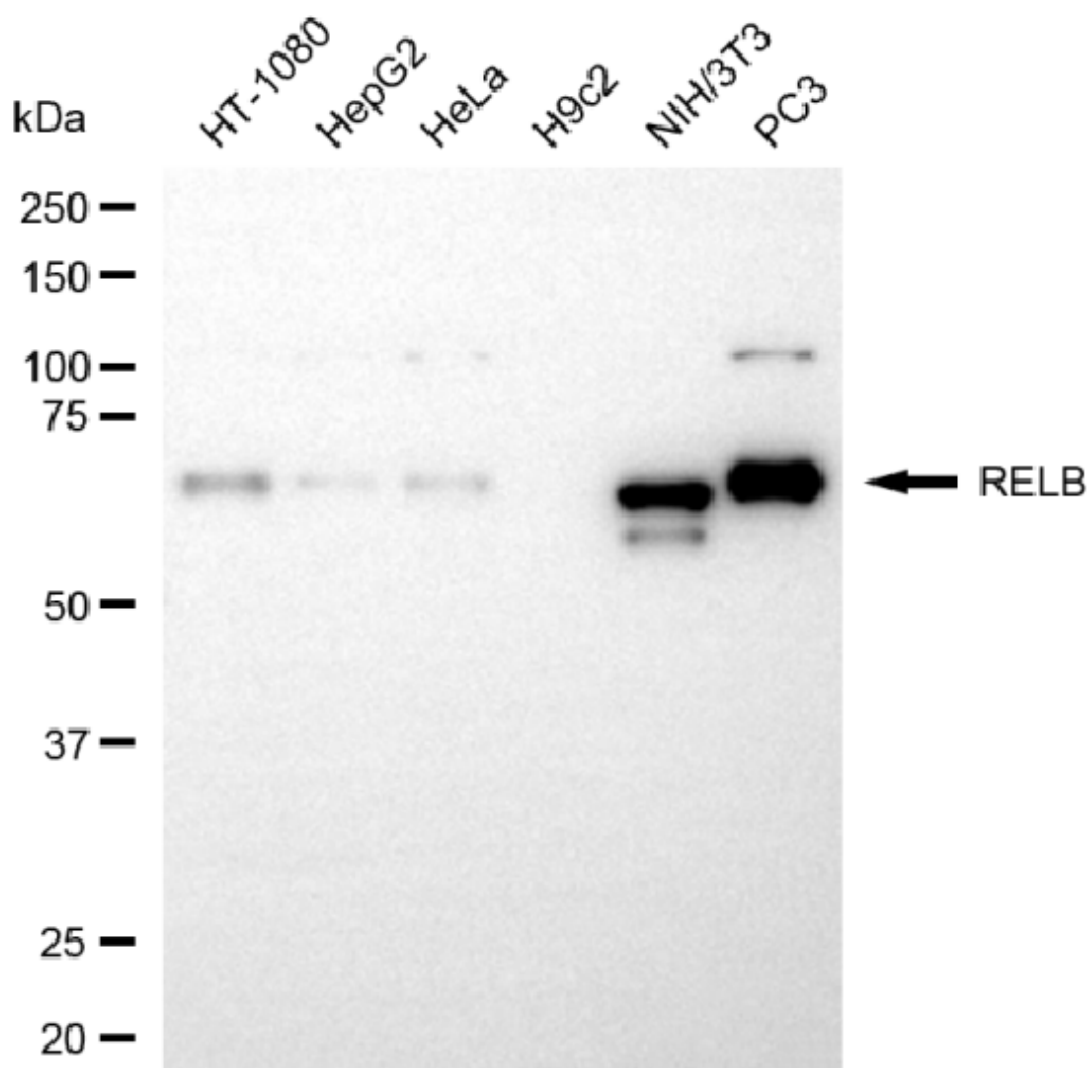
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Immunocytochemical staining of C2C12 cells with anti-RELB antibody (Cat#4742, 1:1,000) . Nuclei were stained blue with DAPI; RELB was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and Smart Gain: Medium. Scale bar, 20 µm.



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Western blotting analysis using anti-RELB antibody (Cat#4742). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RELB antibody (Cat#4742, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).