Anti-NFKBIA Mouse Monoclonal Antibody

GenuIN BIOTECH
REAL MATTERS

Catalog #: 3463

Aliases

I-kappa-B-alpha; NFKBI; NFKBIA; NF-kappaB inhibitor alpha; IKBA; IkappaBalpha; MAD3; RL/IF-1

Background

Gene Name: NFKBIA
NCBI Gene Entry: 4792
UniProt Entry: P25963

Application Information

Molecular Weight: Predicted, 36 kDa; observed, 36 kDa
Clonality: Mouse monoclonal antibody
Clone ID: 24GB5750
Species Reactivity: Human, mouse
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

Recombinant protein of human NFKBIA

Isotype

Mouse IgG1

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): 1:1,000-1:2,500
Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:100-1:1,000

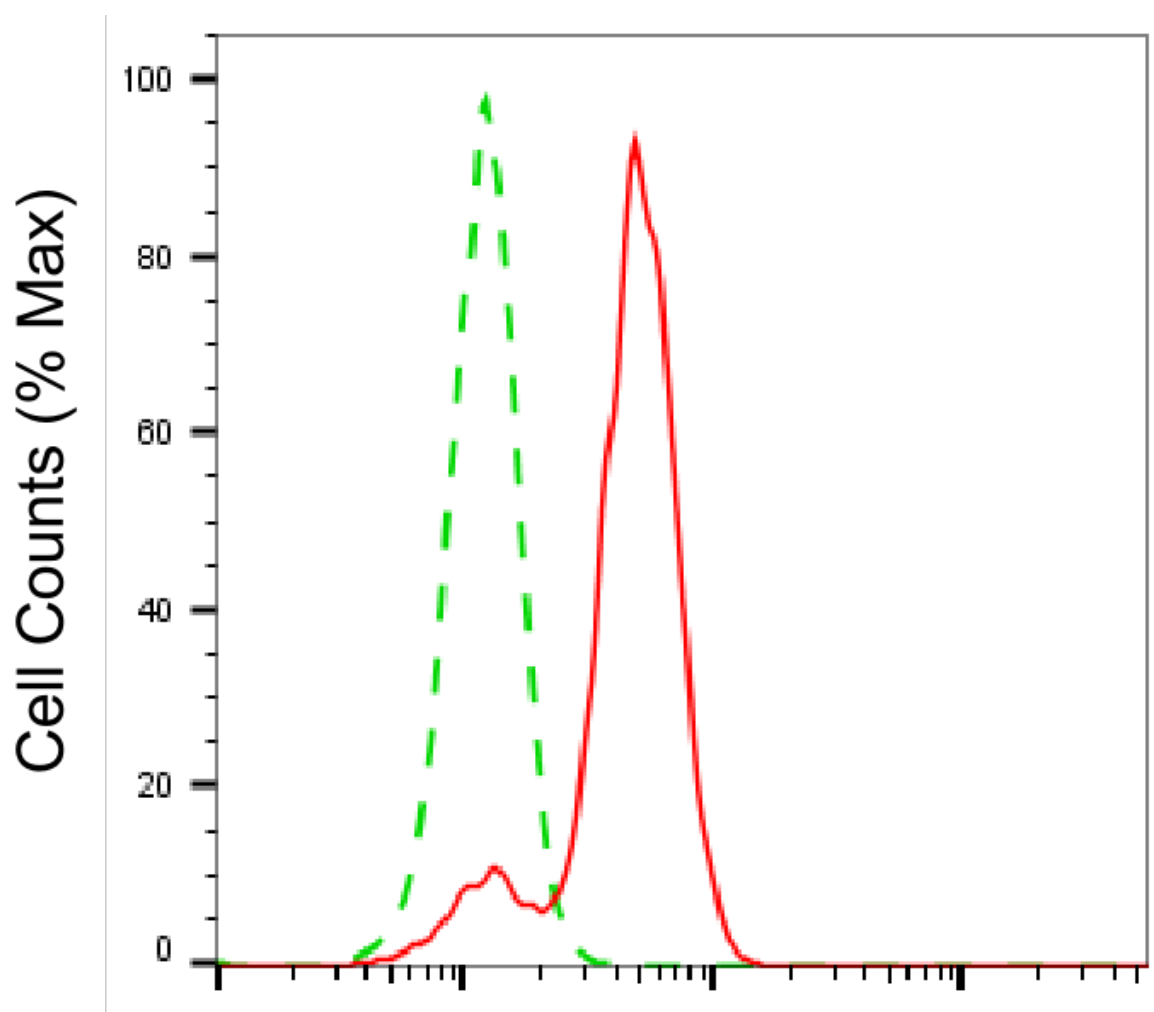**Note:** This product is for research use only.

Validation Data

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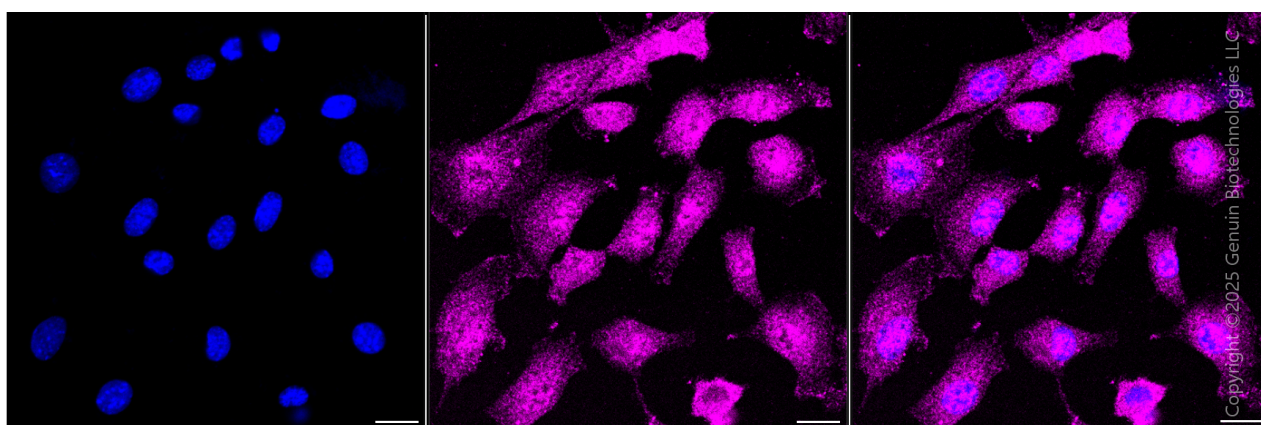
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Flow cytometric analysis of NFKB inhibitor alpha expression in C2C12 cells using anti-NFKB inhibitor alpha antibody (Cat#3463, 1:2,000). Green, isotype control; red, NFKB inhibitor alpha.

Immunocytochemical staining of C2C12 cells with anti-NFKBI inhibitor alpha antibody (Cat#3463, 1:1,000) . Nuclei were stained blue with DAPI; was stained magenta with Alexa
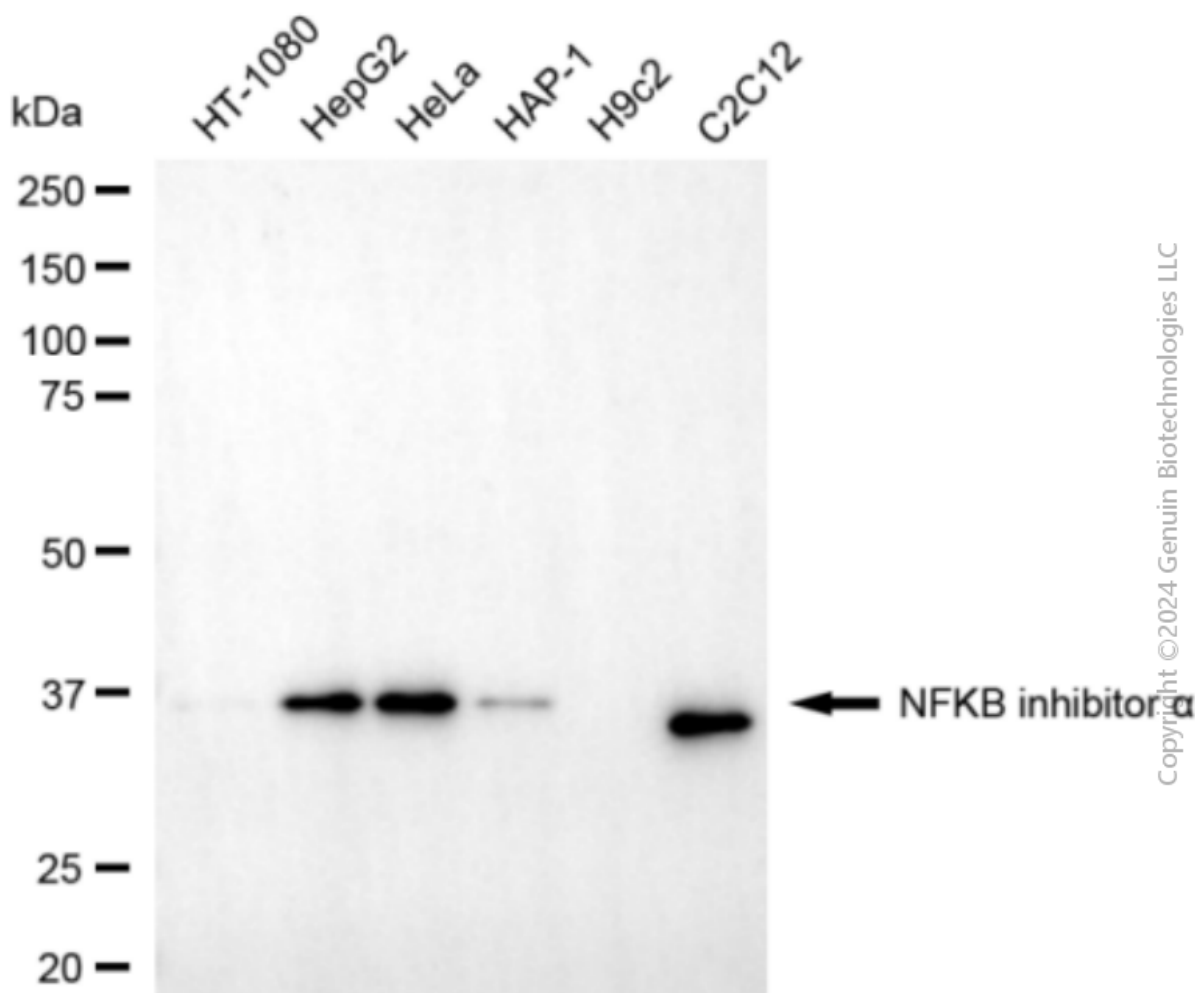
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Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μm.

Western blotting analysis using anti-NFKB inhibitor alpha antibody (Cat#3463). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NFKB inhibitor alpha antibody (Cat#3463, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit(Cat#716).

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