

Anti-IKBKB Recombinant Rabbit Monoclonal Antibody



Catalog #: 2936

Aliases

IKBKB; Inhibitor Of Nuclear Factor Kappa B Kinase Subunit Beta; IKK-Beta; NFKB1KB; IKK2; IKKB; Inhibitor Of Kappa Light Polypeptide Gene Enhancer In B-Cells, Kinase Beta; Inhibitor Of Nuclear Factor Kappa-B Kinase Subunit Beta; Nuclear Factor NF-Kappa-B Inhibitor Kinase Beta; Serine/Threonine Protein Kinase IKBKB; I-Kappa-B-Kinase Beta; I-Kappa-B Kinase 2; EC 2.7.11.10; IKK-2; Nuclear Factor Kappa B Kinase Subunit Beta; EC 2.7.11.1; EC 2.7.11; IMD15A; IMD15B; IMD15; IKK-B; IkbKB

Background

Gene Name: IKBKB

NCBI Gene Entry: [3551](#)

UniProt Entry: [O14920](#)

Application Information

Molecular Weight: Predicted, 87 kDa; observed, 87 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB3250

Species Reactivity: Human

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

Immunogen

A synthesized peptide derived from human IKK beta

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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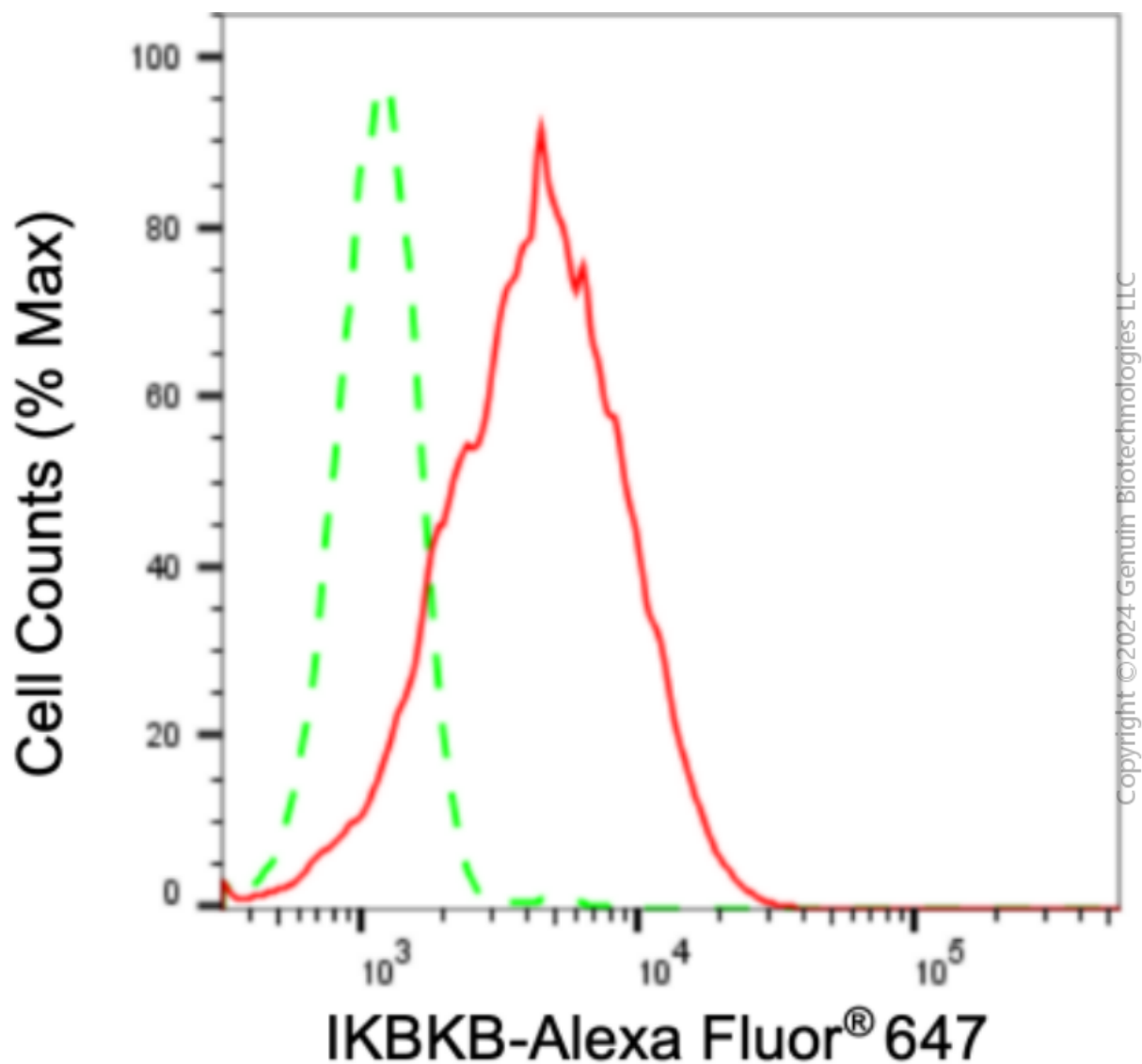
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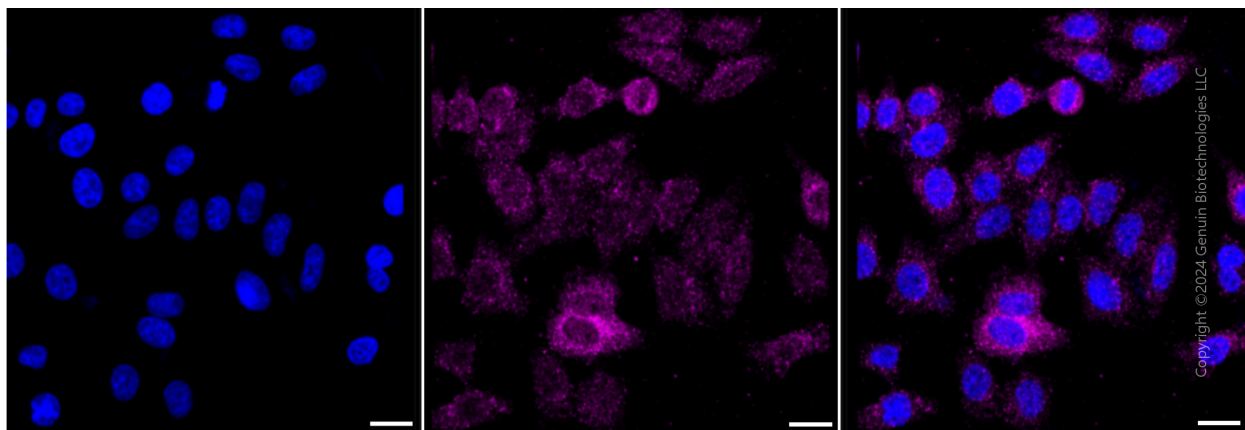
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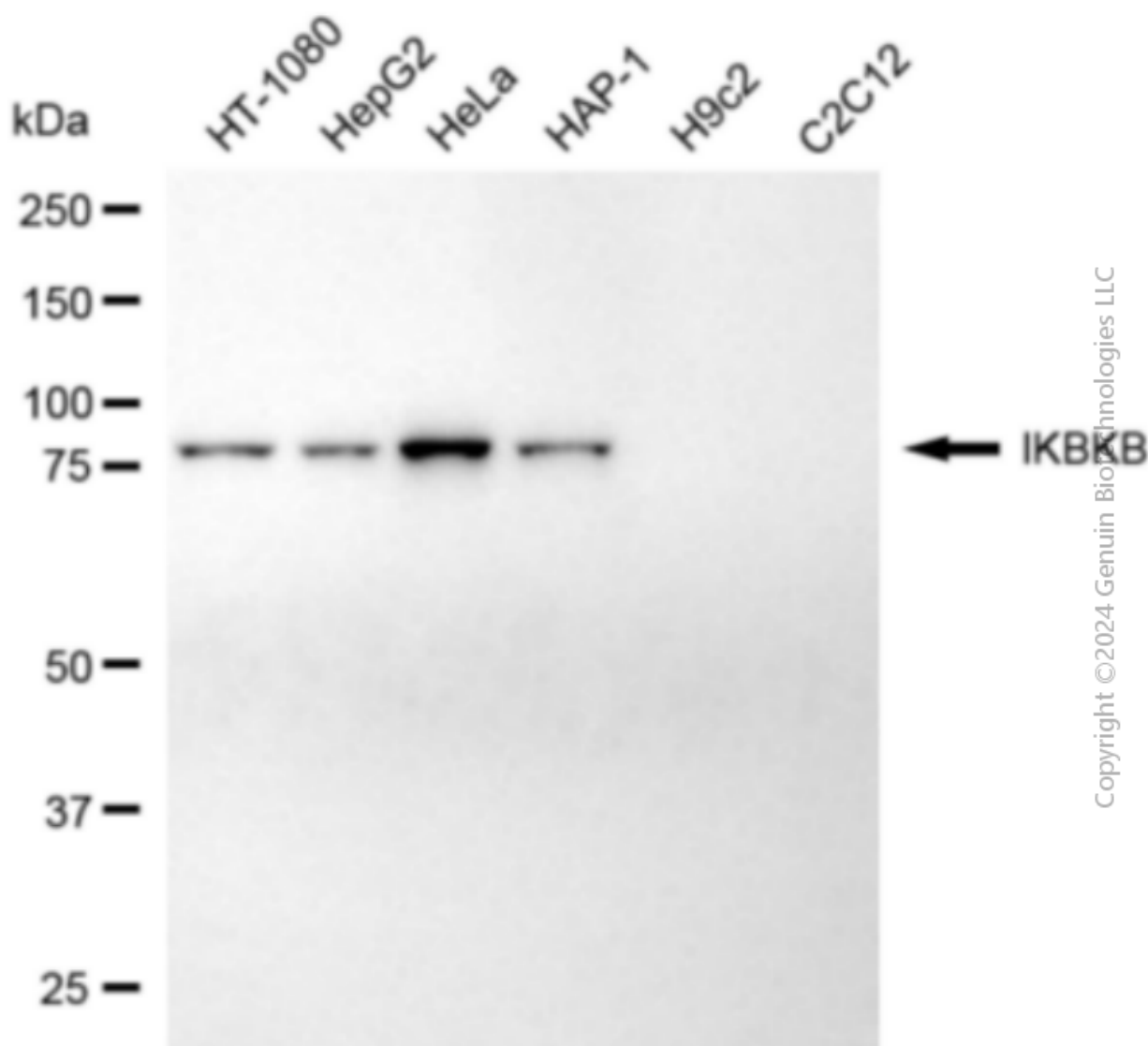
Validation Data



Flow cytometric analysis of IKBKB expression in HepG2 cells using anti-IKBKB antibody (Cat#2936, 1:2,000). Green, isotype control; red, IKBKB.



Immunocytochemical staining of HepG2 cells with anti-IKBKB antibody (Cat#2936, 1:1,000). Nuclei were stained blue with DAPI; IKBKB 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 μ m.



Western blotting analysis using anti-IKBKB antibody (Cat#2936). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-IKBKB antibody (Cat#2936, 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)