9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-IKBKB Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1311

Product Overview

Name	KD-Validated Anti-IKBKB Rabbit Monoclonal Antibody
Accession(Primary)	O14920
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human IKK beta
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 87 kDa; observed, 87 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (O14920)

Gene Name	IKBKB
About Gene Symbol	IKBKB (Inhibitor Of Nuclear Factor Kappa B Kinase Subunit Beta) is a serine/threonine protein kinase involved in NF-κB signaling. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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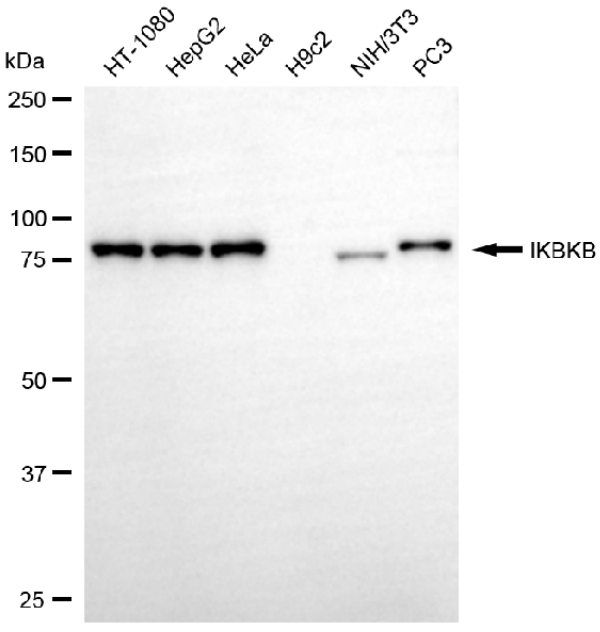

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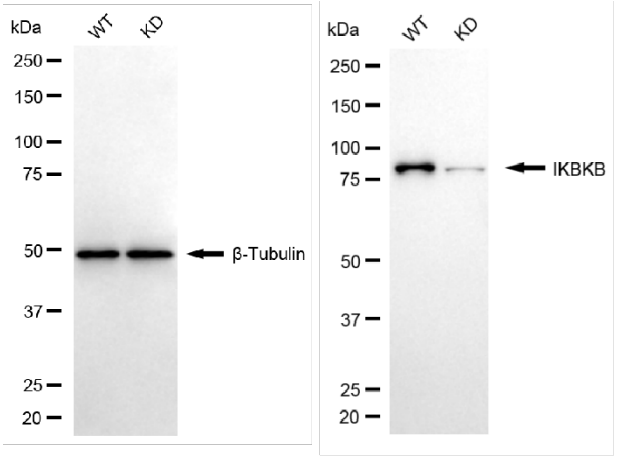
Western blotting analysis using anti-IKBKB antibody (Cat#ABG1311). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-IKBKB antibody (Cat#ABG1311, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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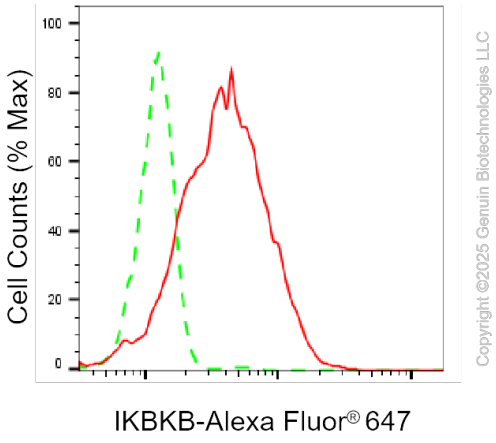
Western blotting analysis using anti-IKBKB antibody (Cat#ABG1311). IKBKB expression in wild type (WT) and IKBKB knockdown (KD) HSHC cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-IKBKB antibody (Cat#ABG1311, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of IKBKB expression in HepG2 cells using anti-IKBKB antibody (Cat#ABG1311, 1:2,000). Green, isotype control; red, IKBKB.

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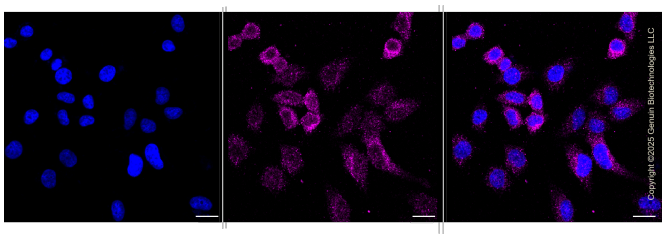

Immunocytochemical staining of HepG2 cells with anti-IKBK antibody (Cat#ABG1311, 1:1,000). Nuclei were stained blue with DAPI; IKBK was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.