9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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KD-Validated Anti-NFKBIA Mouse Monoclonal Antibody

Mouse monoclonal antibody

ABG1915

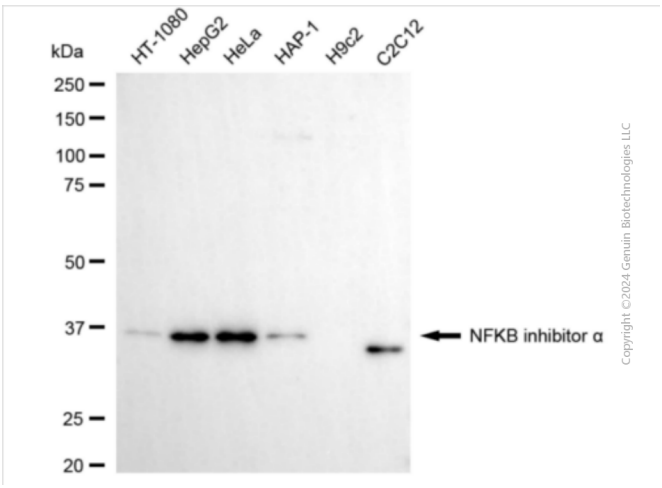
Product Overview

Name	KD-Validated Anti-NFKBIA Mouse Monoclonal Antibody
Accession(Primary)	P25963
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human NFKBIA
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 36 kDa, Observed, 36 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:2,500-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

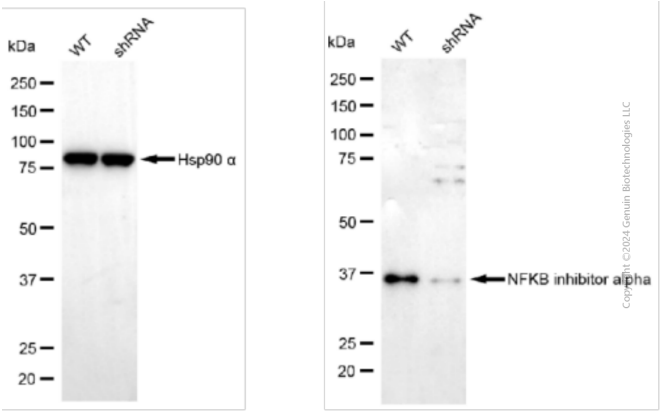
Target information (P25963)

Gene Name	NFKBIA
About Gene Symbol	NFKBIA (I-kappa-B-alpha) is a transcription factor involved in NF-κB signaling. It is an important research target in gene regulation, development, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

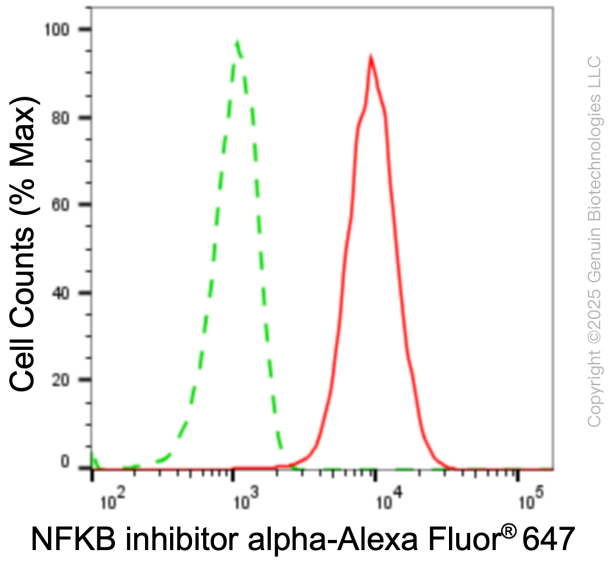
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Western blotting analysis using anti-NFKB inhibitor alpha antibody (Cat#ABG1915). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NFKB inhibitor alpha antibody (Cat#ABG1915, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.

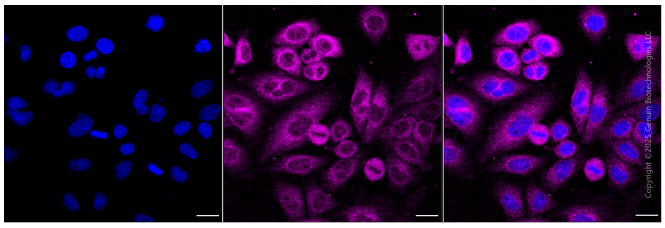


Western blotting analysis using anti-NFKB inhibitor alpha antibody (Cat#ABG1915). NFKB inhibitor alpha expression in wild type (WT) and NFKB inhibitor alpha (NFKBIA) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-NFKB inhibitor alpha antibody (Cat#ABG1915, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Flow cytometric analysis of NFKB inhibitor alpha expression in HepG2 cells using anti-NFKB inhibitor alpha antibody (Cat#ABG1915, 1:2,000). Green, isotype control; red, NFKB inhibitor alpha.

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Immunocytochemical staining of HepG2 cells with anti-NFKB inhibitor alpha antibody (Cat#ABG1915, 1:1,000). Nuclei were stained blue with DAPI; NFKB inhibitor alpha was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and Smart Gain□Low. Scale bar, 20 µm.