

[KD Validated] Anti-IKBKG Mouse mAb

Purified Recombinant Mouse Monoclonal Antibody

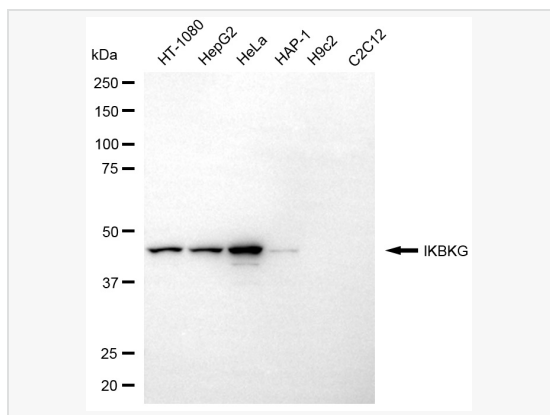
Catalog # M020478

Product Information

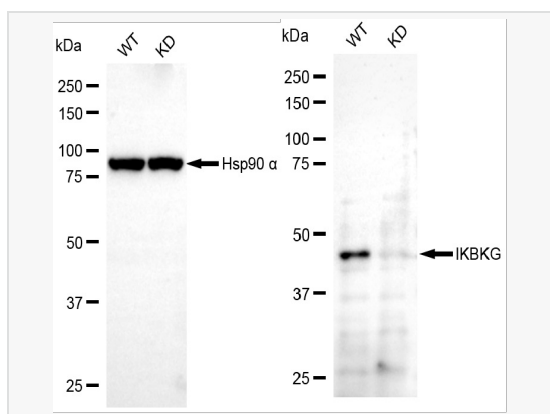
Application	WB, FC
Reactivity	Human
Dilution	WB 1:200~1:1,000; FC 1:1,000
Host	Mouse
Clonality	Monoclonal
Clone No.	97G86A20
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human IKBKG
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 12 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	[KD Validated] Anti-IKBKG Mouse mAb [97G86A20] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

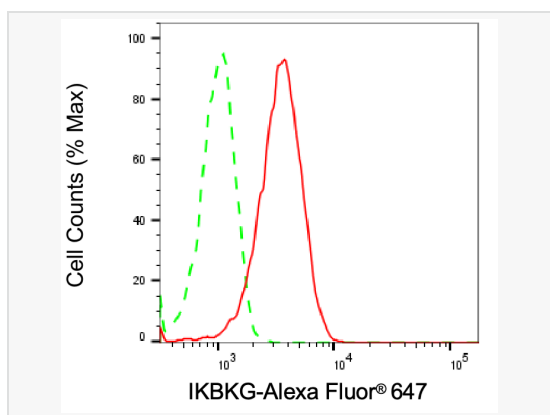
Synonyms	IKBKG; Inhibitor Of Nuclear Factor Kappa B Kinase Regulatory Subunit Gamma; IKK-Gamma; IKKAP1; FIP-3; NEMO; FIP3; IKKG; IκB Kinase-Associated Protein 1; NF-Kappa-B Essential Modulator; I-Kappa-B Kinase Subunit Gamma; IκB Kinase Subunit Gamma; ZC2HC9; Fip3p; Inhibitor Of Kappa Light Polypeptide Gene Enhancer In B-Cells, Kinase Gamma; Inhibitor Of Nuclear Factor Kappa B Kinase Subunit Gamma; 14.7K (Adenovirus E3 Protein) Interacting Protein 3; NF-Kappa-B Essential Modifier; Incontinentia Pigmenti; IP1; IP2; Inhibitor Of Nuclear Factor Kappa-B Kinase Subunit Gamma; AMCBX1; EDAID1; IMD33; SAIDX ; IPD2; IP.
Calculated MW	Calculated MW: 48 kDa; Observed MW: 48 kDa
Uniprot ID	Q9Y6K9
Gene ID	8517
Background	The NF-κB/Rel transcription factors are present in the cytosol in an inactive state, complexed with the inhibitory IκB proteins. Most agents that activate NF-κB do so through a common pathway based on phosphorylation-induced, proteasome-mediated degradation of IκB.



Western blotting analysis using IKBKG antibody (M020478). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with IKBKG antibody (M020478, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.



Western blotting analysis using IKBKG antibody (M020478). IKBKG expression in wild-type (WT) and IKBKG knockdown (KD) HSHC cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with IKBKG antibody (M020478, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.



Flow cytometric analysis of IKBKG expression in HeLa cells using IKBKG antibody (M020478, 1:1,000). Green, isotype control; red, IKBKG.