
Product Name: KD-Validated IKBKG Mouse Monoclonal Antibody**Catalog #: KVA00406**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:200-1:1,000; FC 1:100-1:1,000
Molecular Weight	Calculated MW: 48.2kDa

Antigen Information

Gene Name	IKBKG IKBKG; Inhibitor Of Nuclear Factor Kappa B Kinase Regulatory Subunit Gamma; IKK-Gamma; IKKAP1; FIP-3; NEMO; FIP3; IKKG; Ikb Kinase-Associated Protein 1; NF-Kappa-B Essential Modulator; I-Kappa-B Kinase Subunit Gamma; Ikb Kinase Subunit Gamma; ZC2HC9; Fip3p;
Alternative Names	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
Gene ID	8517.0
SwissProt ID	Q9Y6K9
Immunogen	Recombinant protein of human IKBKG

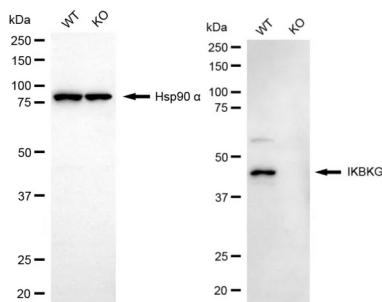
Background

This gene encodes the regulatory subunit of the inhibitor of kappaB kinase (IKK) complex, which activates NF-kappaB resulting in activation of genes involved in inflammation, immunity, cell survival, and other pathways. Mutations in this gene result in incontinentia pigmenti, hypohidrotic ectodermal dysplasia, and several other types of immunodeficiencies. A pseudogene highly similar to this locus is located in an adjacent region of the X chromosome. [provided by RefSeq, Mar 2016]

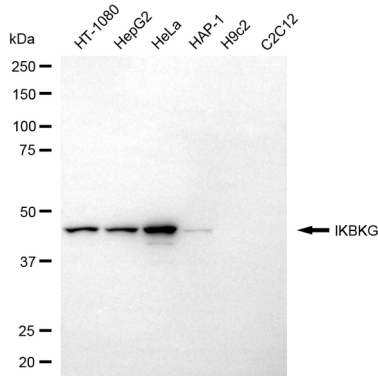
Research Area

Immunology

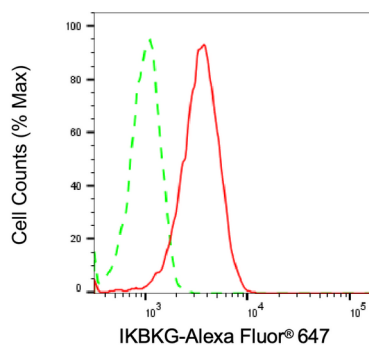
Image Data



Western blotting analysis using IKBKG antibody (KVA00406). IKBKG expression in wild-type (WT) and IKBKG knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with IKBKG antibody (KVA00406, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using IKBKG antibody (KVA00406). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with IKBKG antibody (KVA00406, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Flow cytometric analysis of IKBKG expression in HeLa cells using IKBKG antibody (KVA00406, 1:1,000). Green, isotype control; red, IKBKG.