

IKBKG Monoclonal Antibody

Catalog No.	A1003	Category	Monoclonal Antibodies
Applications	WB	Observed MW	48kDa
Cross-reactivity	Human	Calculated MW	36kDa/48kDa/55kDa

Immunogen Information

Immunogen	A synthetic peptide of human IKBKG
Gene ID	8517
Swiss prot	Q9Y6K9
Synonyms	AMCBX1;FIP-3;FIP3;Fip3p;IKK-gamma;IKKAP1;IKKG; IMD33;IP;IP1;IP2;IPD2;NEMO;ZC2HC9

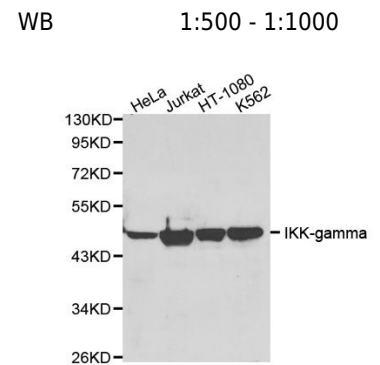
Product information

Source	Mouse
Isotype	IgG
Purification method	Affinity purification
Storage	Store at 4°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, pH7.3.

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.

Recommended Dilutions



Western blot analysis of extracts of various cell lines, using IKBKG antibody (A1003).
 Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.
 Lysates/proteins: 25ug per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.