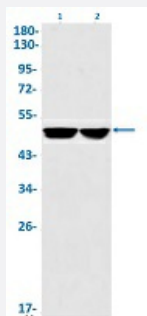


RecomAb™

IKBKG monoclonal antibody, clone R06-5G4

Catalog # RAB02176 Size 100 uL

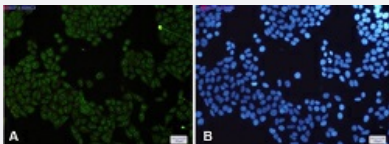
Applications



Western Blot

Western Blot analysis of Lane 1: K562 and Lane 2: HeLa lysates with IKBKG recombinant monoclonal antibody, clone R06-5G4 (Cat # RAB02176).

Immunocytochemistry



Immunocytochemical staining of HeLa with IKBKG recombinant monoclonal antibody, clone R06-5G4 (Cat # RAB02176). (A) IKBKG (green) and (B) DAPI (blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human IKBKG.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human IKBKG.
Theoretical MW (kDa)	Calculated MW: 48 kD
Reactivity	Human, Mouse, Rat
Form	Liquid

Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence(1:50-1:200) Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of Lane 1: K562 and Lane 2: Hela lysates with IKBKG recombinant monoclonal antibody, clone R06-5G4 (Cat # RAB02176).

- Immunocytochemistry

Immunocytochemical staining of Hela with IKBKG recombinant monoclonal antibody, clone R06-5G4 (Cat # RAB02176). (A) IKBKG (green) and (B) DAPI (blue).

- Immunofluorescence

- Immunoprecipitation

Gene Info — IKBKG

Entrez GeneID	8517
Protein Accession#	Q9Y6K9
Gene Name	IKBKG
Gene Alias	AMCBX1, FIP-3, FIP3, Fip3p, IKK-gamma, IP, IP1, IP2, IPD2, NEMO
Gene Description	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma

Omim ID [300248](#) [300291](#) [300301](#) [300584](#) [300636](#) [308300](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. Multiple transcript variants encoding different isoforms have been found for this gene. A pseudogene highly similar to this locus is located in an adjacent region of the X chromosome. [supplied by RefSeq]

Other Designations NFkappaB essential modulator|OTTHUMP00000026027|OTTHUMP00000026028|OTTHUMP0000026029|incontinentia pigmenti

Pathway

- [Acute myeloid leukemia](#)
- [Adipocytokine signaling pathway](#)
- [Apoptosis](#)
- [B cell receptor signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Chronic myeloid leukemia](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [MAPK signaling pathway](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Primary immunodeficiency](#)
- [Prostate cancer](#)
- [Small cell lung cancer](#)
- [T cell receptor signaling pathway](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Atherosclerosis](#)
- [Calcinosis](#)
- [Coronary Artery Disease](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)