

# CoraLite®594-conjugated IKBKG Monoclonal antibody

Catalog Number: **CL594-66460**

## Basic Information

<b>Catalog Number:</b> CL594-66460	<b>GenBank Accession Number:</b> BC012114	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 8517	<b>CloneNo.:</b> 1F2E2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9Y6K9	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG1	<b>Full Name:</b> inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Immunogen Catalog Number:</b> AG13358	<b>Calculated MW:</b> 48 kDa	
	<b>Observed MW:</b> 48 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	IF/ICC : HeLa cells,

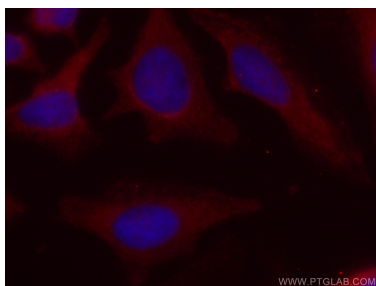
## Background Information

IKBKG, also named as FIP3, NEMO, IKKAP1 and IKKG, is specifically phosphorylate serine or threonine residues that are followed by a proline residue. IKBKG is regulatory subunit of the IKK core complex which phosphorylates inhibitors of NF-kappa-B thus leading to the dissociation of the inhibitor/NF-kappa-B complex and ultimately the degradation of the inhibitor. Its binding to scaffolding polyubiquitin seems to play a role in IKK activation by multiple signaling receptor pathways.

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite®@594 IKBKG antibody (CL594-66460, Clone: 1F2E2 ) at dilution of 1:100.