

CoraLite® Plus 488-conjugated IKBKG Monoclonal antibody

Catalog Number: **CL488-66460**

Basic Information

Catalog Number: CL488-66460	GenBank Accession Number: BC012114	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 8517	CloneNo.: 1F2E2
Source: Mouse	UNIPROT ID: Q9Y6K9	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG13358	Calculated MW: 48 kDa	
	Observed MW: 48 kDa	

Applications

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

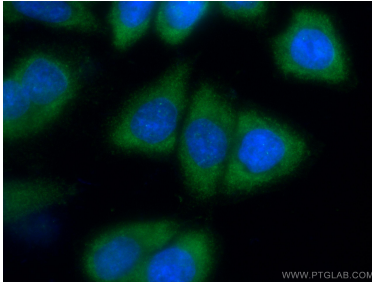
Background Information

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®@488 IKBKG antibody (CL488-66460, Clone: 1F2E2) at dilution of 1:100.