For Research Use Only

IKBKG Monoclonal antibody, PBS Only

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Antibodies | ELISA kits | Proteins
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Catalog Number:66460-1-PBS

Basic Information

Catalog Number:
66460-1-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG13358

GenBank Accession Number:
BC012114

GeneID (NCBI):
8517

UNIPROT ID:
Q9Y6K9

Full Name:
inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma

Calculated MW:
48 kDa

Observed MW:
48 kDa

Purification Method:
Protein G purification

CloneNo.:
1F2E2

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human

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 -80°C.
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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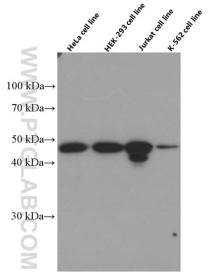
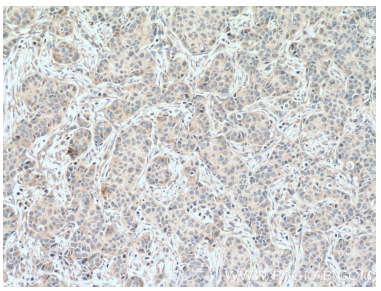
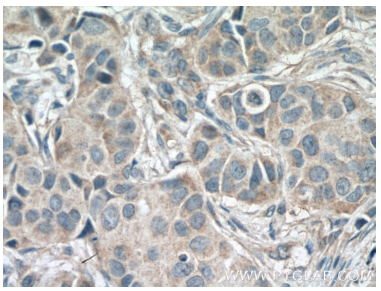
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66460-1-Ig (IKBKG antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66460-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66460-1-Ig (IKBKG antibody) at dilution of 1:300 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66460-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66460-1-Ig (IKBKG antibody) at dilution of 1:300 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66460-1-PBS in a different storage buffer formulation.