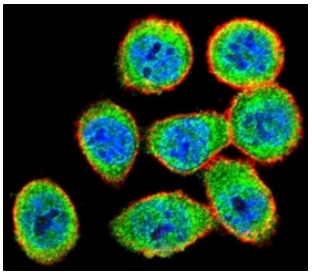
IKK beta Antibody (F51040)

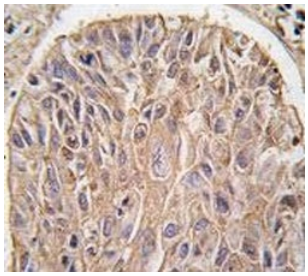
Catalog No.	Formulation	Size
F51040-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51040-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

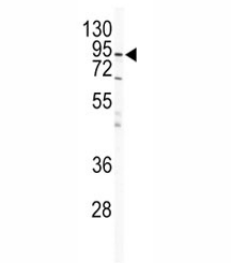
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	O14920
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100 Immunofluorescence: 1:10-1:50
Limitations	This IKK beta antibody is available for research use only.



Confocal immunofluorescent analysis of IKK beta antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counterstain (blue).



IHC analysis of FFPE human lung carcinoma tissue stained with IKK beta antibody



Western blot analysis of IKK beta antibody and HeLa lysate. Predicted molecular weight ~87 kDa.

Description

This gene encodes a member of the serine/threonine protein kinase family. The encoded protein, a component of a cytokine-activated protein complex that is an inhibitor of the essential transcription factor NF-kappa-B complex, phosphorylates sites that trigger the degradation of the inhibitor via the ubiquination pathway, thereby activating the transcription factor.

Application Notes

Titration of the IKK beta antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This IKK beta antibody was produced from rabbits immunized with recombinant human IKK beta (full length sequence).

Storage

Aliquot the IKK beta antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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