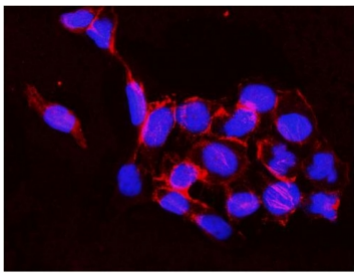
IKKb Antibody (R31634)

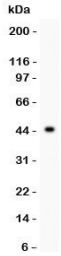
Catalog No.	Formulation	Size
R31634	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

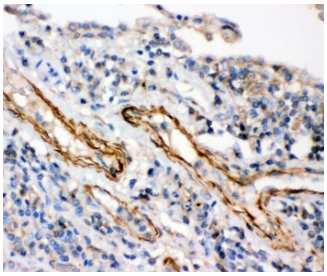
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	3551
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 0.5-1ug/ml Immunofluorescence (FFPE): 2-4ug/ml Flow cytometry: 1-3ug/million cells
Limitations	This IKKb antibody is available for research use only.



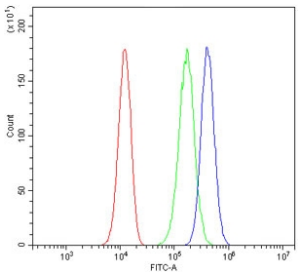
Immunofluorescent staining of FFPE human A431 cells with IKKb antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



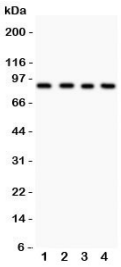
Western blot testing of IKKb antibody and recombinant human protein (0.5ng).



IHC-P: IKKb antibody testing of human lung cancer tissue



Flow cytometry testing of human 293T cells with IKKb antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= IKKb antibody.



Western blot testing of IKKb antibody and human lysates- Lane 1: HEPG2; 2: COLO320; 3: M231; 4: HT1080 lysate. Expected molecular weight: ~87 kDa.

Description

I kappa B kinase beta, also known as IKKb or NFKBIKB, is a protein that in humans is encoded by the IKBKB gene.IkBabinds and inhibits NF-kB in the cytoplasm. Activated IKKb phosphorylates IkBa, which freesNFkBto translocate to the nucleus. It is found that mutations in IKKb had a more pronounced effect upon NFKB activation than did comparable mutations inIKKa.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the IKKb antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 398-756) was used as the immunogen for this IKKb antibody.

Storage

After reconstitution, the IKKb antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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