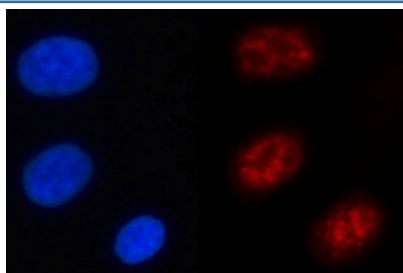


NFRKB Antibody / Nuclear factor related to kappa-B-binding protein (RQ8132)

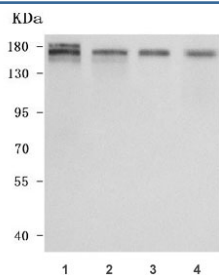
Catalog No.	Formulation	Size
RQ8132	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

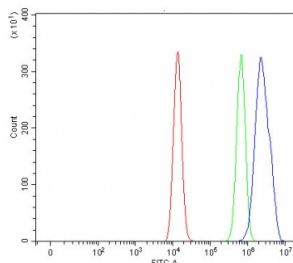
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q6P4R8
Localization	Nuclear
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This NFRKB antibody is available for research use only.



Immunofluorescent staining of FFPE human A549 cells with NFRKB antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) HEL, 2) RT-4, 3) Caco-2 and 4) HaCaT cell lysate with NFRKB antibody. Predicted molecular weight ~139 kDa, commonly observed at ~175 kDa and can be observed at ~220 kDa.



Flow cytometry testing of fixed and permeabilized human HEL cells with NFRKB antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= NFRKB antibody.

Description

NFRKB (nuclear factor related to kappa-B-binding protein) was first identified as a factor that could bind a variant NF-kappa B site in the interleukin-2 receptor alpha (IL-2R alpha) gene. NFRKB appears to be a transcription factor central to immune cell development. Evidence of this comes from the identification of NFRKB as an amplified gene in several cases of acute myeloid leukemia. Additionally, in another clinical case, a partial deletion of the chromosomal region that includes NFRKB is shown to be associated with combined cellular immunodeficiency.

Application Notes

Optimal dilution of the NFRKB antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids H270-L994) was used as the immunogen for the NFRKB antibody.

Storage

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