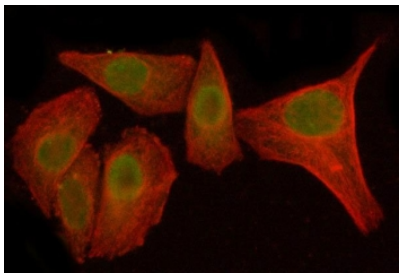
IKB zeta Antibody / IKBZ / NFKBIZ (RQ8234)

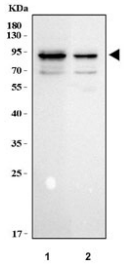
Catalog No.	Formulation	Size
RQ8234	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

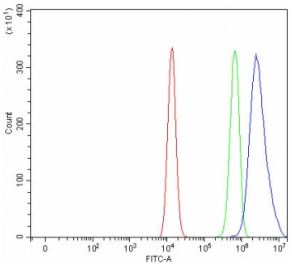
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9BYH8
Localization	Nuclear
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This IKB zeta antibody is available for research use only.



Immunofluorescent staining of FFPE human SiHa cells with IKB zeta antibody (green) and Beta Tubulin mAb (red). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) RT4 and 2) Caco-2 cell lysate with IKB zeta antibody. Predicted molecular weight: 64-78 kDa (multiple isoforms), commonly observed at 75-85 kDa.



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

Description

NF-kappa-B inhibitor zeta (IKBz) is a protein that in humans is encoded by the NFKBIZ gene. This gene is a member of the ankyrin-repeat family and is induced by lipopolysaccharide (LPS). The C-terminal portion of the encoded product which contains the ankyrin repeats, shares high sequence similarity with the I kappa B family of proteins. The latter are known to play a role in inflammatory responses to LPS by their interaction with NF-B proteins through ankyrin-repeat domains. Studies in mouse indicate that this gene product is one of the nuclear I kappa B proteins and an activator of IL-6 production. Two transcript variants encoding different isoforms have been found for this gene.

Application Notes

Optimal dilution of the IKB zeta antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids Q247-H577) was used as the immunogen for the IKB zeta antibody.

Storage

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

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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