

## Anti-IKK beta/IKBKB Antibody Picoband® Fluoro647 Conjugated

Catalog Number: PB9221-Fluoro647

### About IKBKB

IKBKB (Inhibitor of Kappa Light Chain Gene Enhancer in B Cells, Kinase of, Beta), also known as IKK $\beta$  or NFKB1KB, is a protein that in humans is encoded by the IKBKB gene. This gene is mapped to chromosome 8p12-p11 by FISH. It is found that mutations in IKK2 had a more pronounced effect upon NF $\kappa$ B activation than did comparable mutations in IKK1. The activity of various antiinflammatory agents on the IKK complex has been tested, it has been found that aspirin and sodium salicylate specifically inhibit IKK-beta activity in vitro and in vivo by binding to IKK-beta to reduce ATP binding.

### Overview

Product Name	Anti-IKK beta/IKBKB Antibody Picoband® Fluoro647 Conjugated
Reactive Species	Human
Application	Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, IF, IHC, ICC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	O14920

### Technical Details

Immunogen	E.coli-derived human IKK beta recombinant protein (Position: E398-S756). Human IKK beta shares 91% and 90% amino acid (aa) sequences identity with mouse and rat IKK beta, respectively.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro647 Excitation Wavelength: 650 nm Emission Wavelength: 665 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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