

Anti-IKK alpha/CHUK Antibody Picoband® Fluoro550 Conjugated

Catalog Number: PB9110-Fluoro550

About CHUK

IKKA, also known as conserved helix-loop-helix ubiquitous kinase (CHUK) or IKBKA, is a protein kinase that in humans is encoded by the CHUK gene. It is mapped to 10q24.31. 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 ubiquitination pathway, thereby activating the transcription factor. IKKA is part of the IkkappaB kinase complex that plays an important role in regulating the NF-kappaB transcription factor. However, IKKA also has many additional cellular targets, and is thought to function independently of the NF-kappaB pathway to regulate epidermal differentiation.

Overview

| | |
|----------------------|--|
| Product Name | Anti-IKK alpha/CHUK Antibody Picoband® Fluoro550 Conjugated |
| Reactive Species | Human |
| Application | Flow Cytometry |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3. |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | O15111 |

Technical Details

| | |
|------------------|--|
| Immunogen | E.coli-derived human IKK alpha recombinant protein (Position: V411-E745). Human IKK alpha shares 98% amino acid (aa) sequence identity with mouse IKK alpha. |
| Cross Reactivity | No cross-reactivity with other proteins |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Fluoro550 Excitation Wavelength: 562 nm Emission Wavelength: 576 nm |

Suggested Dilutions

Flow Cytometry, Optimal dilutions should be determined by end users.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-IKK alpha/CHUK Antibody - Fluoro550

For Research Use Only. Not for use in diagnostic procedures.