

IKK β Peptide - 100-401-220p
Code: 100-401-220p

Size: 50 μ g

Product Description: IKK β Peptide - 100-401-220p

Concentration: 1.0 mg/mL by dry weight

PhysicalState: Liquid (sterile filtered)

Label	Unconjugated
Buffer	None
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Synonyms	IKKB, I-kappa-B-kinase beta, IKK-B antibody, IKK-beta, IkbKB, I-kappa-B kinase 2, Nuclear factor NF-kappa-B inhibitor kinase beta, NFKBIKB, IKK2, control peptide, blocking peptide
Application Note	Control peptide should be used at 1.0 μ g per 1.0 μ l of antiserum in per assay.
Background	Intended for use as a control peptide when used with anti-IKKB to block specific interaction of anti-IKKB [p/n 100-401-220]. NF κ B comprises a family of cellular transcription factors that are involved in the inducible expression of a variety of cellular genes that regulate the inflammatory response and control of cell death. In the cytoplasm NF κ B is negatively modulated by the inhibitory proteins I κ B. In turn I κ B is phosphorylated by a cellular kinase complex called IKK. IKK is a heterodimer composed of two kinases: IKK-a and IKK-b that phosphorylate I κ B leading to its degradation and the resulting translocation of NF κ B to the nucleus. IKK kinase activity is modulated negatively by pharmaceutical agents such as aspirin and positively by various cellular components such as TNF- α , endotoxins and overexpression of cellular kinases like MEKK1. Aspirin appears to have its effect by inhibiting the binding of ATP to IKK.
Purity And Specificity	Greater than 95% specific peptide
Assay Dilutions	Control peptide should be used at 1.0 μ g per 1.0 μ l of antiserum per assay.
Other Assays	Control peptide should be used at 1.0 μ g per 1.0 μ l of antiserum per assay.
Expiration	Expiration date is six (6) months from date of opening.

Related Products

100-401-219	Anti-IKKa (RABBIT) Antibody - 100-401-219
100-401-219p	IKKa CONTROL PEPTIDE - 100-401-219p
100-401-220p	IKK β ; CONTROL PEPTIDE - 100-401-220p
100-401-264	Anti-NFKB p65 (Rel A) pS276 (RABBIT) Antibody - 100-401-264

Related Links

GeneID - 3551

<https://www.ncbi.nlm.nih.gov/gene/3551>

 UniProtKB - O14920 <https://www.uniprot.org/uniprot/O14920>
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