
NFKB p105/p50 Peptide

Subcategory: Blocking Peptide, Synthetic Peptide

Cat. No.: 350535

Unit: 0.1 mg

Description:

Nuclear factor NF-kappa-B p105/p50 subunit (NFKB1) is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RelA/p65, RelB, NFKB1/p105, NFKB1/p50, Rel and NFKB2/p52. Homo- and heterodimers bind with different affinities at kappa-B sites in the DNA of their target genes.

Format: Each vial contains 0.1 ml peptide in deionized water for a final concentration of 1 mg/ml. Use at 5.6 ug/ml for a 100X excess over antibody for maximum blocking effect.

Alternate Names: Nuclear factor NF-kappa-B p105/p50 subunit; DNA-binding factor KBF1; EBP-1; NFKB1

Accession No.: P19838

MW: 1774 g/mol

Sequence: The synthetic peptide used to raise the antibody Cat. No. 200173 is selected from a sequence within the C-term region of human NFKB p105/p50. For blocking experiments, a 10 to 100 fold molar excess to antibody is recommended.

Composition: C74H116N24O23S2

Purity: Purity > 80% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.