

Product Data Sheet: Phospho-NFKB-P50 (S907)

Cat. No: ABP-0416

Conjugate: Unconjugated

Size: 100 ug

Clone: Poly

Concentration: 1mg/ml

Host: Rb

A phospho specific peptide corresponding to residues surrounding Ser907 of

human NFKB-p50

IqG

Reactivity: Hu

Isotype:

Applications: Westen Blot 1:1000 IHC 1:50 – 1:100 IF 1:100 – 1:200

Molecular Weight: 105 kDa

Purification: Affinity purification

This gene encodes a 105 kD protein which can undergo cotranslational processing by the 26S proteasome to produce a 50 kD protein. The 105 kD protein is a Rel protein-specific transcription inhibitor and the 50 kD protein is a DNA binding subunit of the NF-kappa-B (NFKB) protein complex. NFKB is a transcription regulator that is activated by various intra- and extra-cellµlar stimµli such as cytokines, oxidant-free radicals, µltraviolet irradiation, and bacterial or

Background:viral products. Activated NFKB translocates into the nucleus and stimulates the

expression of genes involved in a wide variety of biological functions. Inappropriate activation of NFKB has been associated with a number of

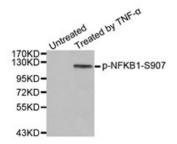
inflammatory diseases while persistent inhibition of NFKB leads to inappropriate immune cell development or delayed cell growth. Two transcript variants

encoding different isoforms have been found for this gene.

Form: liquid

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Storage: Store at -20° C. Avoid freeze / thaw cycles.



Western blot analysis of extract from HeLa cells, using Phospho-NFKB-p50 (Ser907) antibody.

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