NFκB-p65 (Phospho-Ser276) Polyclonal Antibody

ORDERING INFORMATION

Catalog No.: 43011

Format: 100ul at 1.0mg/ml in PBS (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Affinity-purified on phosphopeptide; non-phosphopeptide-reactive antibodies were removed by chromatography on non-phosphorylated peptide.

BACKGROUND

NFκB is a transcription factor found in almost all cell types and is involved in many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NFκB is controlled by various mechanisms of post-translational modification and subcellular compartmentalization as well as by interactions with other cofactors or corepressors. such as p65-p50 and p65-c-Rel complexes. The NF-kappa-B p65-p65 complex appears to be involved in invasin-mediated activation of IL-8 expression.

SPECIFICATION SUMMARY

Antigen: Peptide sequence that includes phosphorylation site of serine 276 (R-P-S(p)-D-R) derived from human NFκB-p65 and conjugated to KLH.

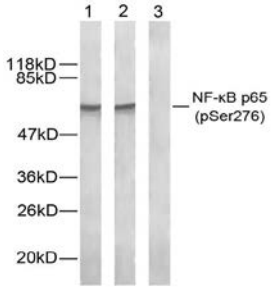
Accession no.: Q04206, NP_001138610.1

Host Species: Rabbit

Specificity: This antibody detects endogenous human, mouse, and rat NFκB-p65 only when phosphorylated at serine 276.

APPLICATIONS

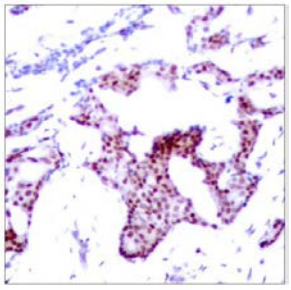
Western blotting: use at dilution of 1:500-1:1,000.
A band of ~65kDa is detected.



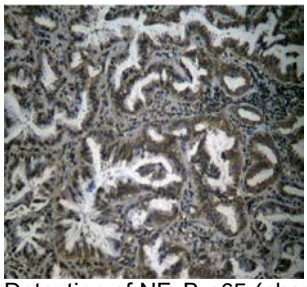
Detection of NFκB-p65 (phospho-Ser276) in HeLa cell extracts.

These are recommended working dilutions. Enduser should determine optimal dilutions for their applications.

Immunohistochemistry: use at dilution of 1:50-1:100.



Detection of NFκB-p65 (phospho-Ser276) in paraffin-embedded human breast carcinoma tissue.



Detection of NFκB-p65 (phospho-Ser276) in paraffin-embedded human lung carcinoma tissue.

DILUTION INSTRUCTIONS

Dilute in PBS or medium that is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Can be stored at 4°C for short-term use.

For in vitro investigational use only. Not intended for therapeutic or diagnostic applications.

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