# NF-κB p105/p50 (phospho-Ser927) Antibody

E11-0021A

**Catalog Number:** E11-0021A

**Concentration:** 1mg/ml

**Swiss-Prot No.:** P19838

**Other Names:** DNA-binding factor KBF1, EBP-1, NF-kappa-B1 p84/NF-kappa-B1 p98, NFKB1, NFkB-p50, Nuclear factor NF-kappa-B p105 subunit, nuclear factor NF-kappa-B p50 subunit

**All Sites:** Human: Ser927; Mouse: Ser930

**Storage/Stability:** Store at -20℃/1 year

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without $Mg^{2+}$ and $Ca^{2+}$), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human NF-κB p105/p50 around the phosphorylation site of serine 927 (C-D-$S^{P}$-G-V).

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

**Specificity:** NF-κB p105/p50 (phospho-Ser927) antibody detects endogenous levels of NF-κB p105/p50 only when phosphorylated at serine 927.

**Reactivity:** Human, Mouse, Rat

**Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:20000

**References:**

Theresa Joseph, Am J Physiol Lung Cell Mol Physiol, Mar 2005; 288: L471 - L479.

Sabine Kirchhoff, Eur. J. Biochem., Apr 1999; 261: 546.

Gerald Thiel, Eur. J. Biochem., Jul 2004; 271: 2855 - 2862.

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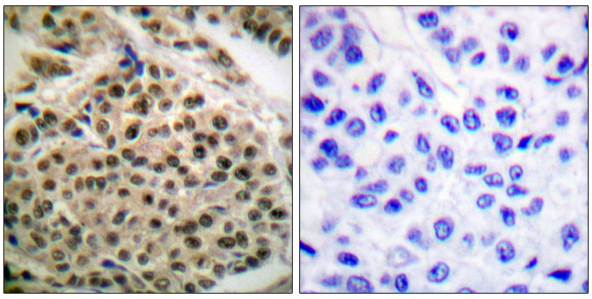
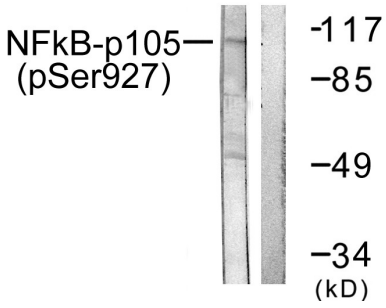


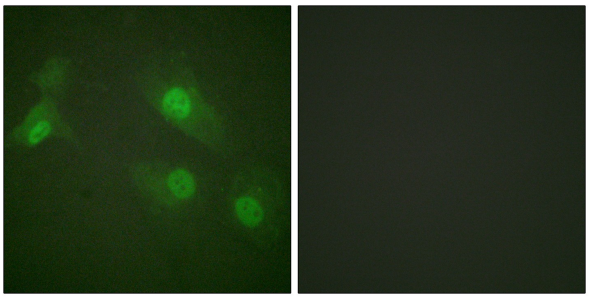
P-peptide - +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using NF-κB p105/p50 (phospho-Ser927) antibody.




LPS + +
P-peptide + -

Western blot analysis of extracts from Hela cells treated with LPS (100ng/ml, 30min), using NF-κB p105/p50 (phospho-Ser927) antibody .



EGF + -

Immunofluorescence analysis of HeLa cells, treated with EGF (200nM, 5mins), using NF-κB p105/p50 (phospho-Ser927) antibody.