

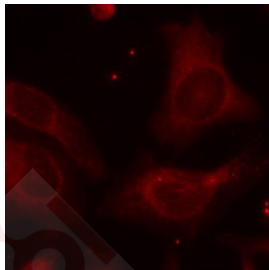
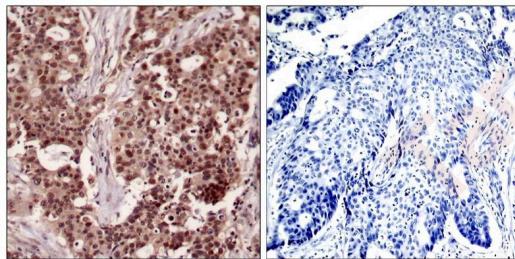
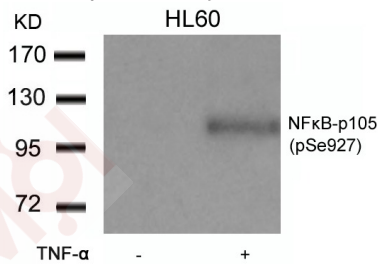
## Anti-Phospho-NFKB1 (Ser927) Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

### Applications

- Verified Activity:
1. Western blot analysis of extracts from HL60 cells untreated or treated with TNF- $\alpha$  using NFkB-p105 (Phospho-Ser927) Antibody TMAC-02811.
  2. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using NFkB-p105 (Phospho-Ser927) Antibody TMAC-02811 (left) or the same antibody preincubated with blocking peptide (right).
  3. Immunofluorescence staining of methanol-fixed Hela cells using NFkB-p105 (Phospho-Ser927) Antibody TMAC-02811.



Application: IF,IHC,WB

### Properties

**Stability & Storage:** Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

**Shipping:** Shipping with blue ice.

---

### Antigen Details

**Immunogen:** Peptide sequence around phosphorylation site of serine 927 (C-D-S(p)-G-V) derived from Human NFκB-p105

**Antigen Species:** human

**Uniprot ID:** P19838

**Synonyms:** p-NFKB1 (Ser927);NFKB1 (p-S927);NFKB1 (p-Ser927);p-NFKB1 (S927)

---

### Research Background

NF-kappa-B 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 and the heterodimeric p65-p50 complex appears to be most abundant one. The dimers bind at kappa-B sites in the DNA of their target genes and the individual dimers have distinct preferences for different kappa-B sites that they can bind with distinguishable affinity and specificity. Different dimer combinations act as transcriptional activators or repressors, respectively.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481