

## Anti-Phospho-NFKB1 (Ser893) Polyclonal Antibody

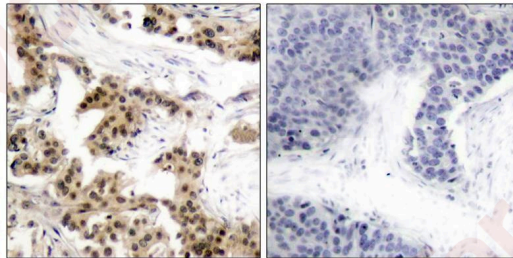
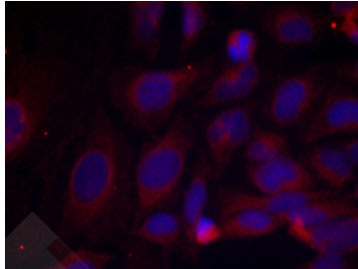
### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 120 kDa.
Purification:	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

### Applications

#### Verified Activity:

1. Immunofluorescence staining of methanol-fixed HeLa cells using NF- $\kappa$ B p105 (phospho-Ser893) antibody (TMAC-02827 Red).
2. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using NF- $\kappa$ B p105 (phospho-Ser893) antibody (TMAC-02827).



Application:	IF,IHC
Recommended	IHC: 1:50-100; IF: 1:100-200

### Properties

Stability & Storage:	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 aa891~895 (A-S-S-P-V) derived from Human NFκB-p105  
Antigen Species: Human  
Uniprot ID: P19838  
Synonyms: p-NFKB1 (Ser893);p-NFKB1 (S893);NFKB1 (p-Ser893);NFKB1 (p-S893)

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### 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. 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**

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