

# Phospho-NFKB1-S893 Rabbit pAb

Catalog No.: AP0415

## Basic Information

### Observed MW

**Calculated MW**  
105kDa

**Category**  
Primary antibody

**Applications**  
IF/ICC

**Cross-Reactivity**  
Human

## Background

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-cellular stimuli such as cytokines, oxidant-free radicals, ultraviolet irradiation, and bacterial or 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. NFKB is a critical regulator of the immediate-early response to viral infection. Alternative splicing results in multiple transcript variants encoding different isoforms, at least one of which is proteolytically processed.

## Recommended Dilutions

IF/ICC 1:100 - 1:200

## Immunogen Information

<b>Gene ID</b> 4790	<b>Swiss Prot</b> P19838
------------------------	-----------------------------

### Immunogen

A phospho specific peptide corresponding to residues surrounding S893 of human NFKB1

### Synonyms

KBF1; EBP-1; NF-kB; CVID12; NF-kB1; NFKB-p50; NfkappaB; NF-kappaB; NFKB-p105; NF-kappa-B1; NF-kappabeta; Phospho-NFKB1-S893

## Contact

☎	400-999-6126
✉	cn.market@abclonal.com.cn
🌐	www.abclonal.com.cn

## Product Information

<b>Source</b> Rabbit	<b>Isotype</b> IgG	<b>Purification</b> Affinity purification
-------------------------	-----------------------	--

### Storage

Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.