

A11892

Leader in Biomolecular Solutions for Life Science



# NFKB1 Rabbit mAb

Catalog No.: A11892 **Recombinant**

## Basic Information

### Observed MW

47kDa

### Calculated MW

105kDa

### Category

SMab Recombinant Monoclonal Antibody

### Applications

WB,IF/ICC,IP,ChIP,FC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## 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

<b>WB</b>	1:500 - 1:2000
<b>IF/ICC</b>	1:50 - 1:100
<b>IP</b>	1:20 - 1:50
<b>FC</b>	1:20 - 1:50
<b>ChIP</b>	1:20 - 1:100

## Immunogen Information

### Gene ID

4790

### Swiss Prot

P19838

### Immunogen

Recombinant protein of human NFKB1

### Synonyms

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

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

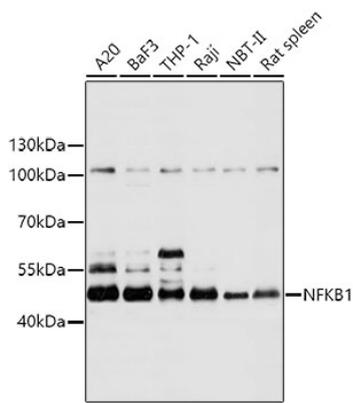
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of various lysates using NFKB1 Rabbit mAb (A11892).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.