# NF-kB p65/RelA Mouse mAb

Catalog No.: A10609 57 Publications



## **Basic Information**

#### **Observed MW**

65 kDa

### **Calculated MW**

60 kDa

### Category

Primary antibody

### **Applications**

WB,ELISA

### **Cross-Reactivity**

Human, Mouse, Rat

#### CloneNo number

AMC0486

## **Background**

NF-kappa-B is a ubiquitous transcription factor involved in several biological processes. It is held in the cytoplasm in an inactive state by specific inhibitors. Upon degradation of the inhibitor, NF-kappa-B moves to the nucleus and activates transcription of specific genes. NF-kappa-B is composed of NFKB1 or NFKB2 bound to either REL, RELA, or RELB. The most abundant form of NF-kappa-B is NFKB1 complexed with the product of this gene, RELA. Four transcript variants encoding different isoforms have been found for this gene.

# **Recommended Dilutions**

**WB** 1:1000 - 1:2000

**ELISA** 

Recommended starting concentration is 1 µg/mL.
Please optimize the

concentration based on your specific assay requirements.

## Immunogen Information

**Gene ID**Swiss Prot
5970
Q04206

### **Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

## **Synonyms**

p65; CMCU; NFKB3; AIF3BL3; NF-kB p65/RelA

## **Contact**

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## **Product Information**

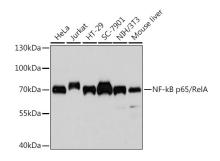
SourceIsotypePurificationMouseIgG1Affinity purification

### Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## **Validation Data**

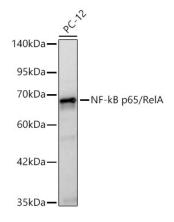


Western blot analysis of various lysates using NF-kB p65/RelA Mouse mAb (A10609) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution. Lysates/proteins:  $25\mu g$  per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Western blot analysis of lysates from PC-12 cells using NF-kB p65/RelA Mouse mAb (A10609) at 1:2000 dilution incubated overnight at  $4^{\circ}$ C.

Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.

Lysates/proteins: 25 μg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.