

# NF- $\kappa$ B p65/RelA Mouse mAb

Catalog No.: A10609 **48 Publications**

## Basic Information

**Observed MW**

70kDa

**Calculated MW**

60kDa

**Category**

Primary antibody

**Applications**

ELISA, WB, IF/ICC

**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** 1:500 - 1:2000**IF/ICC** 1:50 - 1:200

## Immunogen Information

**Gene ID**

5970

**Swiss Prot**

Q04206

**Immunogen**Recombinant protein of human NF- $\kappa$ B p65**Synonyms**p65; CMCU; NFKB3; AIF3BL3; NF- $\kappa$ B p65/RelA

## Contact

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

## Product Information

**Source**

Mouse

**Isotype**

IgG1

**Purification**

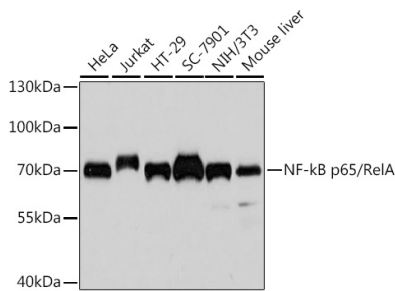
Affinity purification

**Storage**

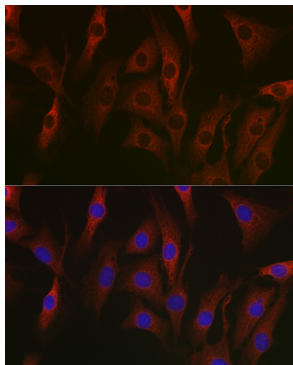
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

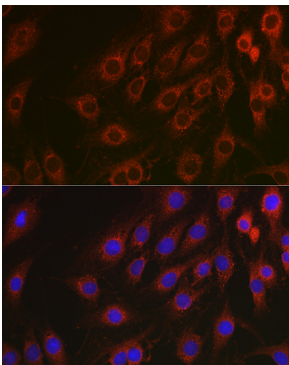
## Validation Data



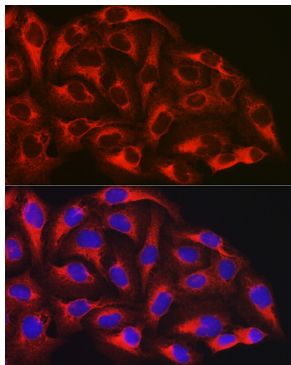
Western blot analysis of various lysates using NF-kB p65/RelA Mouse mAb (A10609) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (A5003) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



Immunofluorescence analysis of NIH/3T3 cells using NF-kB p65/RelA Mouse mAb (A10609) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using NF-kB p65/RelA Mouse mAb (A10609) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using NF-kB p65/RelA Mouse mAb (A10609) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.