

NF- κ B p65/RelA Mouse mAb

Catalog No.: A10609 **51 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- κ 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- κ B moves to the nucleus and activates transcription of specific genes. NF- κ B is composed of NFKB1 or NFKB2 bound to either REL, RELA, or RELB. The most abundant form of NF- κ 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- κ B p65

Synonyms

p65; CMCU; NFKB3; AIF3BL3; NF- κ B p65/RelA

Contact

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Product Information

Source

Mouse

Isotype

IgG1

Purification

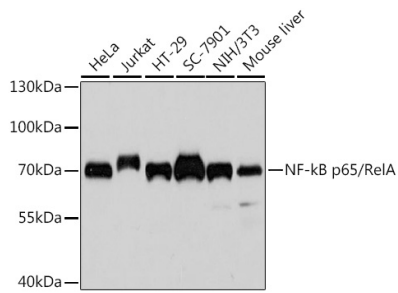
Affinity purification

Storage

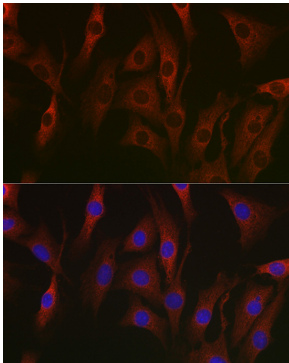
Store at -20°C. Avoid freeze / thaw cycles.

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

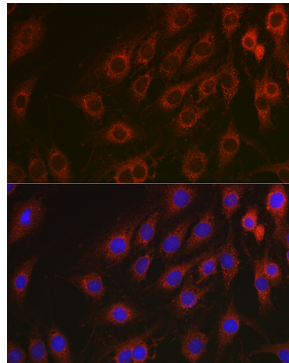
Validation Data



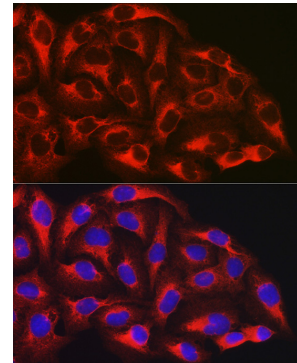
Western blot analysis of various lysates using NF-kB p65/RelA Mouse mAb (A10609) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure 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.