

MAB-94339 NF- κ B p65 Mouse Monoclonal Antibody

Size: 100 μ g
Concentration: 1mg/ml
Clone: MB-9
Source: Mouse
Isotype: IgG
Purification: Affinity purification
Form: Liquid
Cross-Reactivity: Human, Mouse, Rat

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.

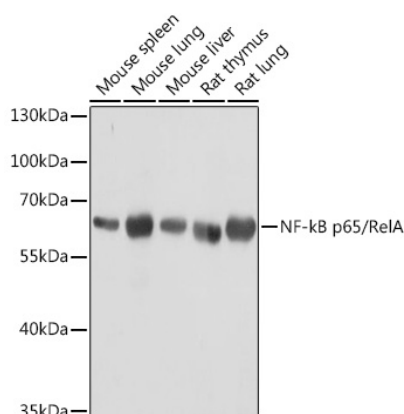
Immunogen: Recombinant protein of human NF-kB p65/RelA

Synonyms: NFKB3;p65;NF-kB p65;RELA;CMCU

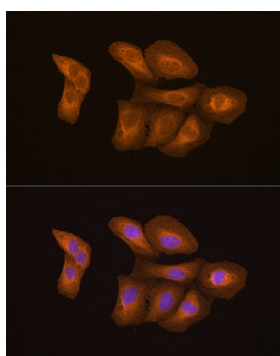
Observed MW: 65 kDa

Applications: **Western Blot:** 1:500 - 1:2000
Immunofluorescence: 1:100 - 1:200

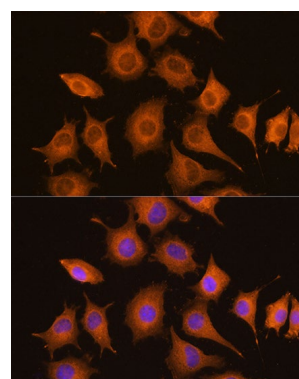
Storage: Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.



Western blot analysis of extracts of various cell lines, using NF-kB p65 antibody at 1:1000 dilution.
 Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) at 1:10000 dilution.
 Lysates/proteins: 25 μ g per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL West Pico Plus.
 Exposure time: 1s.



Immunofluorescence analysis of U2OS cells using NF-kB p65 antibody at dilution of 1:100.
 Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using NF-kB p65 antibody at dilution of 1:100.
 Blue: DAPI for nuclear staining.

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