

NF- κ B p65 monoclonal antibody

Catalog: MB21267 Host: Mouse Reactivity: Human, Mouse, Rat, Rabbit, Monkey

Background:

NF-kappa-B is a pleiotropic transcription factor present in almost all cell types and is the endpoint of a series of signal transduction events that are initiated by a vast array of stimuli related to many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFKB1/p105, NFKB1/p50, REL and NFKB2/p52. The heterodimeric RELA-NFKB1 complex appears to be most abundant one. The dimers bind at kappa-B sites in the DNA of their target genes and the individual dimers have distinct preferences for different kappa-B sites that they can bind with distinguishable affinity and specificity.

Product:

Purified antibody in PBS with 0.05% sodium azide.

Molecular Weight:

65kDa

Swiss-Prot:

Q04206

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/100 - 1/500

Storage&Stability:

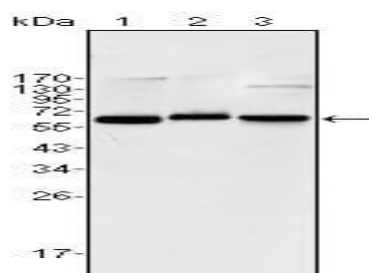
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

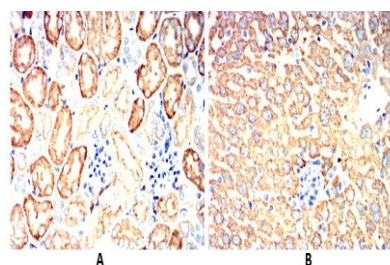
Isotype:

Mouse IgG1

DATA:



Western blot analysis using NF- κ B p65 mouse mAb against Jurkat (1), K562 (2) and NIH/3T3 (3) cell lysate.



Immunohistochemical analysis of paraffin-embedded Mouse kidney(A) Mouse liver (B) using NF- κ B p65 mouse mAb with DAB staining.

Note:

For research use only, not for use in diagnostic procedure.

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