Product Name: **NF-κB p65 Mouse Monoclonal Antibody**
Catalog #: **AMM80783**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA
Reactivity	Human,Mouse,Rat,Rabbit,Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:500,ELISA 1:5000-1:20000
Molecular Weight	65kDa

Antigen Information

Gene Name	NF-κB p65
Alternative Names	NFkappaB p65; p65; NFKB3; RELA
Gene ID	5970.0
SwissProt ID	Q04206
Immunogen	Purified recombinant fragment of human NF-κB p65 expressed in E. Coli.

Background

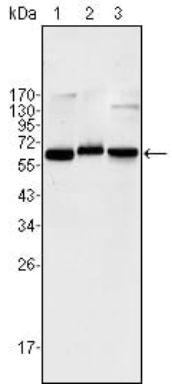
NF-kappa-B is a pleiotropic transcription factor present in almost all cell types and is the endpoint of a series of signal transduction events that are initiated by a vast array of stimuli related to many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis 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.

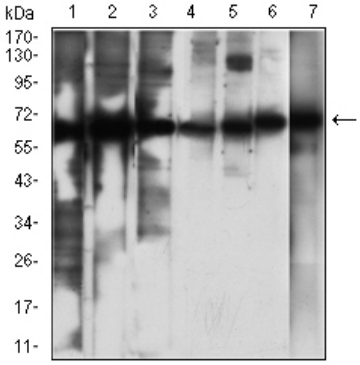
Research Area

PI3K-Akt signaling pathway,MAPK signaling pathway

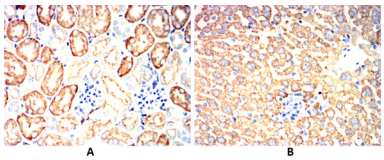
Image Data



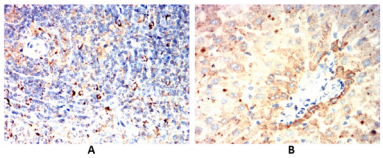
Western blot analysis using NF-κB p65 mouse mAb against Jurkat (1), K562 (2) and NIH/3T3 (3) cell lysate.



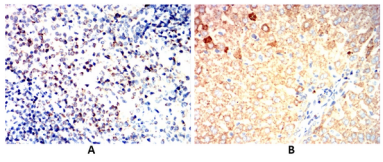
Western blot analysis using NF-κB p65 mouse mAb against RSC-96(1),KO-SF(2),NIH/3T3(3),NRK(4),C2C12(5),C6(6),81505(7) cell lysate.



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



Immunohistochemical analysis of paraffin-embedded Rat spleen(A) Rat liver (B) using NF-κB p65 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rabbit spleen(A) Rabbit Rabbit liver(B) using NF-κB p65 mouse mAb with DAB staining.