
Product Name: NF-KB p65 Mouse Monoclonal Antibody**Catalog #: AMM85019**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,IP
Reactivity	Human,Mouse,Rat
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,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200,IP 1:10-1:20
Molecular Weight	Calculated MW: 60 kDa; Observed MW: 65 kDa

Antigen Information

Gene Name	NF-KB p65
Alternative Names	NFKB3; RELA; TF65; Transcription factor p65; p65; NFkB
Gene ID	5970.0
SwissProt ID	Q04206
Immunogen	Recombinant Protein of Transcription factor p65

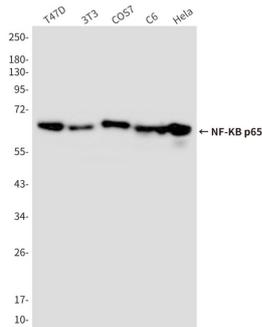
Background

NFKB1 (MIM 164011) or NFKB2 (MIM 164012) is bound to REL (MIM 164910), RELA, or RELB (MIM 604758) to form the NFKB complex. The p50 (NFKB1)/p65 (RELA) heterodimer is the most abundant form of NFKB. The NFKB complex is inhibited by I-kappa-B proteins (NFKBIA, MIM 164008 or NFKBIB, MIM 604495), which inactivate NFKB by trapping it in the cytoplasm.

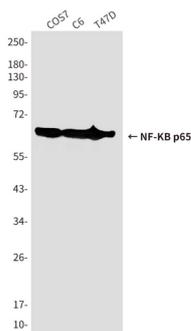
Research Area

PI3K-Akt signaling pathway, MAPK signaling pathway

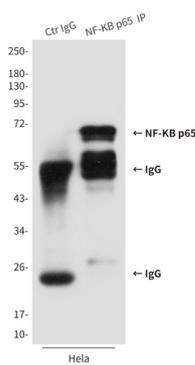
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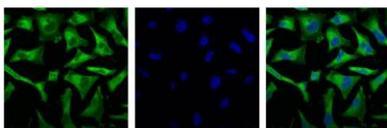
Western blot analysis of NF-KB p65 in T47D, 3T3, COS7, C6 and HeLa lysates using NF-KB p65 antibody.



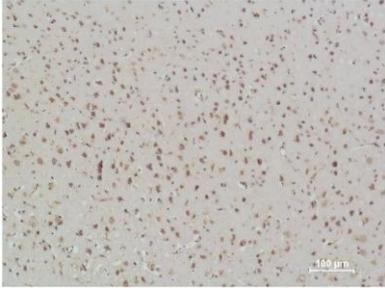
Western blot analysis of NF-KB p65 in COS7, C6, T47D lysates using NF-KB p65 antibody.



Immunoprecipitation analysis of NF-KB p65 in HeLa lysates using NF-KB p65 antibody.



Immunofluorescence analysis of NF-KB p65 in HeLa using NF-KB p65 antibody, and DAPI (blue).



Immunohistochemistry analysis of paraffin-embedded rat Brain Tissue using NF-KB p65 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.