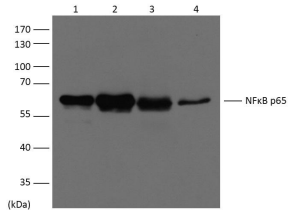
ELK Biotechnology

NFkB p65 Mouse mAb
Catalog NO.: EM1111
For research use only.

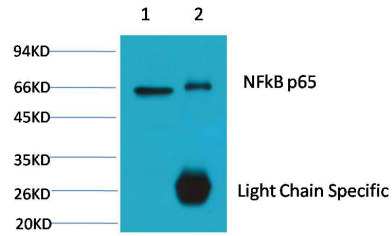
Overview

Product name	NFkB p65 Mouse Monoclonal antibody
Source	Mouse
Applications	**WB IHC IF IP**
Species reactivity	**Human Rat Mouse**
Recommended dilutions	**WesternBlot:1/500-2000** **Immunoprecipitation:1/200** **Immunofluorescence:1/100-200** **Immunohistochemistry:1/200-500** **NOTE: Optimal dilutions should be determined by the end user.**
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1 mg/ml
Observed band	**65kDa**
GeneID（Human）	5970
Human Swiss-Prot No.	Q04206
Cellular localization	Cytoplasm Nucleus
Alternative Names	NFKB3 p65 RELA Transcription factor p65
Background	NFkB p65 is ubiquitinated leading to its proteosomal degradation which is required for termination of the NFkB response. Phosphorylation of NFkB p65 on S536 stimulates acetylation of K310 by CBP enhancing transcriptional activity. NFkB p65 is also acetylated at K122 enhancing DNA binding and impairing the interaction with NFKBIA. The protein is

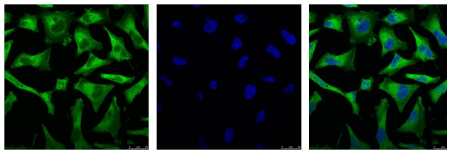
deacetylated by HDAC3. Invasion of a host by a pathogen is frequently associated with the activation of NF-kB which coordinates various aspects of immune function required for resistance to infection.



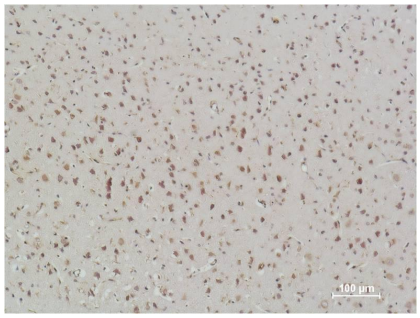
Western blot analysis of extracts from HeLa (Lane)MCF-7 (Lane 2) Mouse Liver (Lane 3) Rat Kidney (Lane 4) using NFκB p65 diluted at 1:1500.



1、 Input: Hela Cell Lysate 2、 IP product: IP dilute:200 Western blot analysis: primary antibody : EM1111:2000 Secondary antibody: Goat anti-Mouse IgG Light chain specific(S003):5000



IF analysis of Hela with EM1111(Left) and DAPI (Right) diluted at:100.



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using NFkB p65 （EM1111）Mouse mAbdiluted at:500.