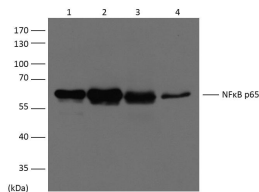


**Cat. No:** MAB-94715  
**Conjugate:** Unconjugated  
**Size:** 100 ug  
**Clone:** D15E13  
**Concentration:** 1mg/ml  
**Host:** Mouse  
**Isotype:** IgG1  
**Immunogen:** Recombinant Protein  
**Reactivity:** Human, Mouse, Rat  
**Applications:** WesternBlot:1/500-2000  
 Immunoprecipitation:1/200  
 Immunofluorescence:1/100-200  
 Immunohistochemistry:1/200-500

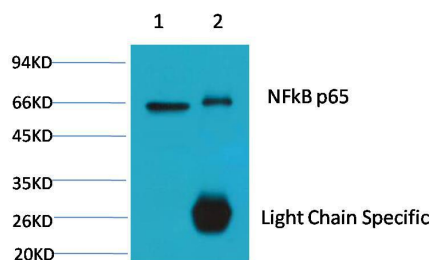
**Molecular Weight:** 65kDa  
**Synonyms:** NFkB3 p65 RELA Transcription factor p65

**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.

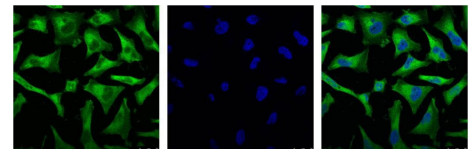
**Form:** Liquid  
**Buffer:** PBS with 0.02% sodium azide and 50% glycerol pH 7.4.  
**Storage:** Store at -20°C. Avoid repeated freeze-thaw cycles.



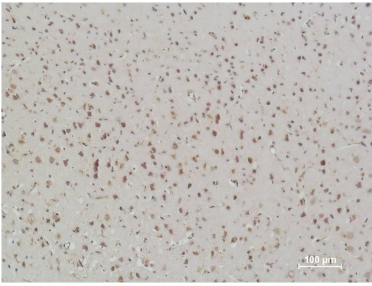
Western blot analysis of extracts from HeLa (Lane)MCF-7 (Lane 2) Mouse Liver (Lane 3) Rat Kidney (Lane 4) using NFkB p65 diluted at 1:1500.



1 Input: HeLa Cell Lysate 2 IP product: IP dilute:200 Western blot analysis: primary antibody 1:2000 Secondary antibody: Goat anti-Mouse IgG Light chain specific:5000



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



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using NFkB p65 Mouse mAb diluted at:500.

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