

Anti-NFkB p65 Mouse Monoclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
E010240-01	50µl
E010240-02	100µl

Product Name	Anti-NFkB p65 Mouse Monoclonal Antibody
Product type	Primary Antibody
Application	WB IHC IF
Description	Mouse Monoclonal to NFkB p65 antibody
Immunogen	A synthetic peptide conjugated to KLH
Specificity	Human Mouse

Background Information

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

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Suggested starting dilutions are as follows: Western Blot (1:1000-1:3000), Immunoprecipitation and Immunofluorescence or Immunocytochemistry (1:200-1:800).

Host

Mouse

Clonality

14H2

Storage Buffer

1mg/ml in PBS, pH 7.4 with 0.02% sodium azide, 50% Glycerol.

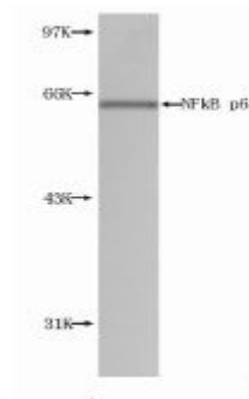
Form

Liquid, 1mg/ml

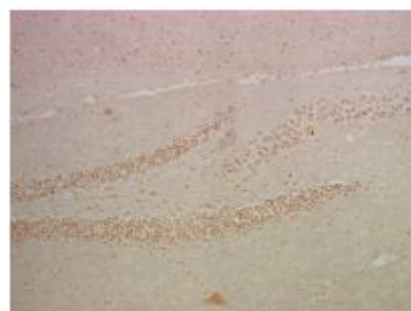
Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Western blot analysis of Hela cell lysate with NFkB p65 mouse mAb(14H2) diluted at 1:1000.



Immunohistochemistry Staining of mouse hippocampus tissue with NFkB p65 mouse mAb(14H2) diluted at 1:200