

# NFkB p65 Mouse Monoclonal Antibody (14H2)

Catalog No.: RA10246

## Basic Information

### Information

Reactivity	H,M,R
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	65KD

### Applications

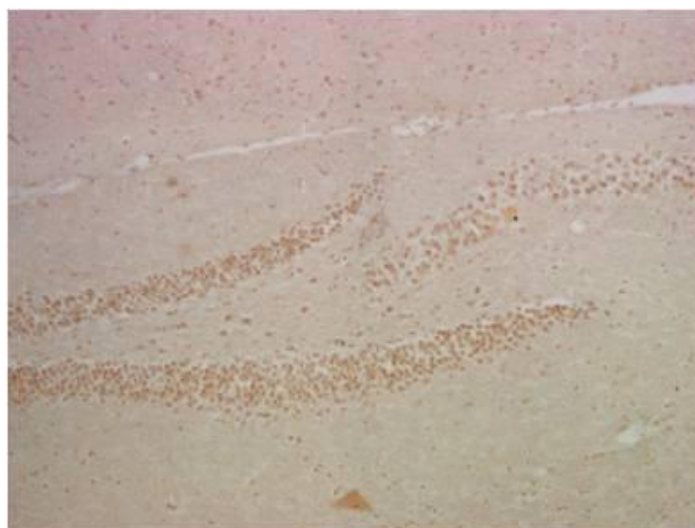
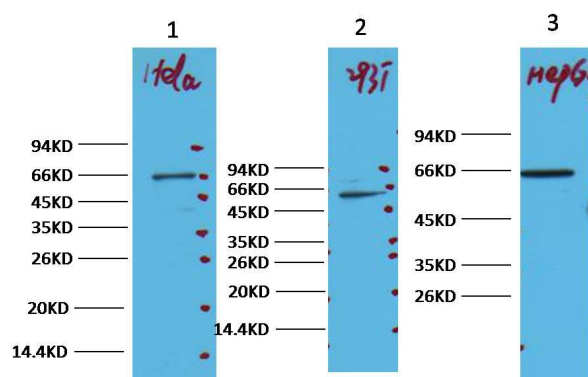
### Recommended Dilution

WB	1:1,000-3,000
IHC	1:100-200
IP	1:200

## Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

## Experimental Data



Western blot analysis of 1)HeLa, 2)293T,3)HepG with NFκB p65 mAb diluted at 1:2,000.

IHC staining of mouse hippocampus tissue with NFκB p65 mouse mAb diluted at 1:200.

## Background

NFκB p65 is ubiquitinated leading to its proteosomal degradation, which is required for termination of the NFκB response. Phosphorylation of NFκB p65 on S536 stimulates acetylation of K310 by CBP, enhancing transcriptional activity. NFκB 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-κB, which coordinates various aspects of immune function required for resistance to infection.