

NFκB p65 Mouse Monoclonal Antibody

Catalog No: #38008

Orders: order@signalwayantibody.com

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Description

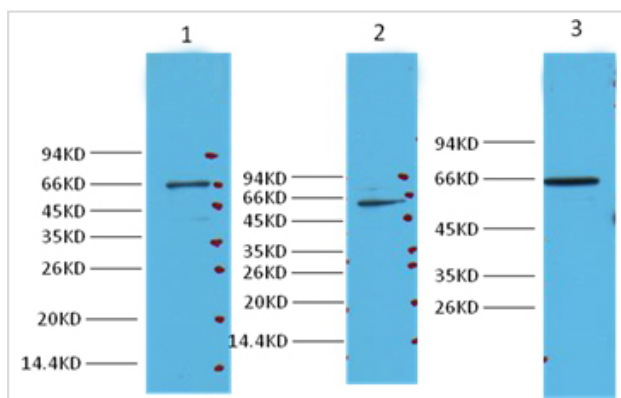
Product Name	NFκB p65 Mouse Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	14H2
Purification	Affinity purification using immunogen.
Applications	WB,IHC
Species Reactivity	Hu Ms Rt
Specificity	NFκB p65 Mouse monoclonal antibody detects endogenous p65 proteins.
Target Name	NFκB p65
Other Names	p65; NFKB3
Accession No.	Swiss-Prot#:Q04206
Uniprot	Q04206
GeneID	5970;
SDS-PAGE MW	65kd
Concentration	1.0mg/ml
Formulation	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

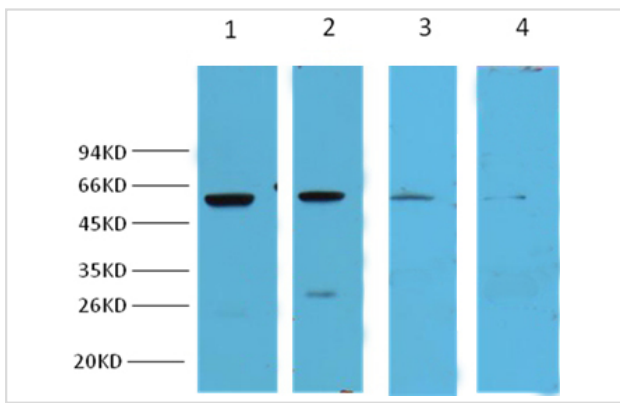
Western blotting: 1:1000~1:3000

Immunohistochemistry: 1:200

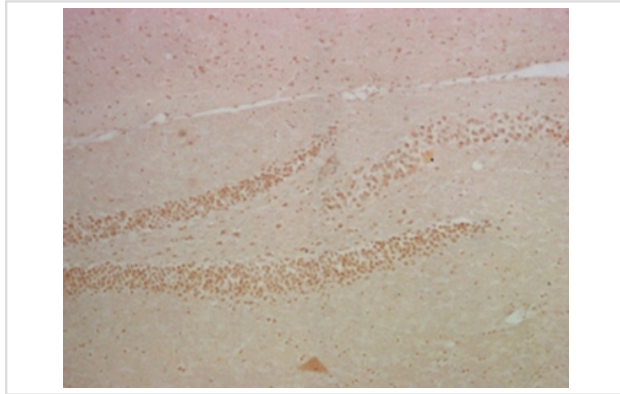
Images



Western blot analysis of HeLa (lane 1), 293T(lane 2) and HepG (lane 3), using #38008 diluted at 1:2,000.



Western blot analysis of Mouse Heart (lane 1), Rat Heart (lane 2), Rat Liver (lane 3) and Rat Spleen (lane 4), using #38008 diluted at 1:3,000.



IHC staining of mouse hippocampus tissue with NFkB p65 mouse mAb(14H2) diluted at 1:200.

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.

Note: This product is for in vitro research use only