

NFκB p65 Mouse Monoclonal Antibody(5G6)

Catalog No.: RA10386

Basic Information

Information

Reactivity	H,M,R
Immunogen	Recombinant Protein
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

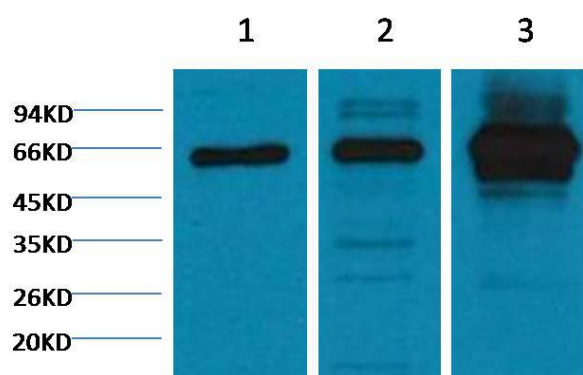
Recommended Dilution

WB	1:500-2,000
IHC	1:200-500
IF	1:100-200
IP	1:200

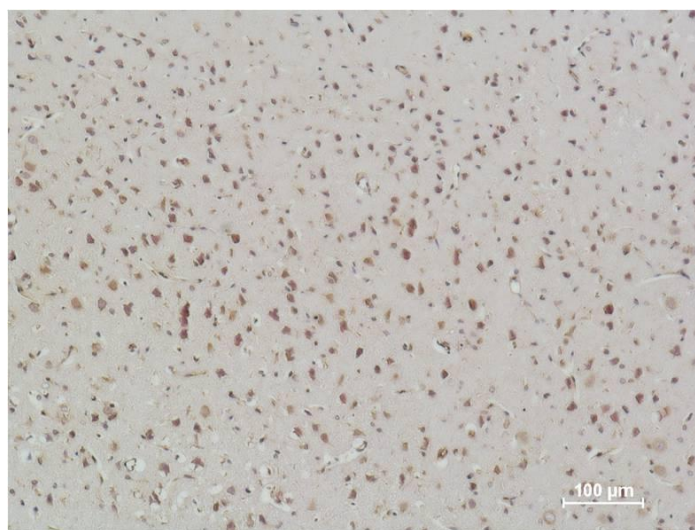
Preparation & Storage

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

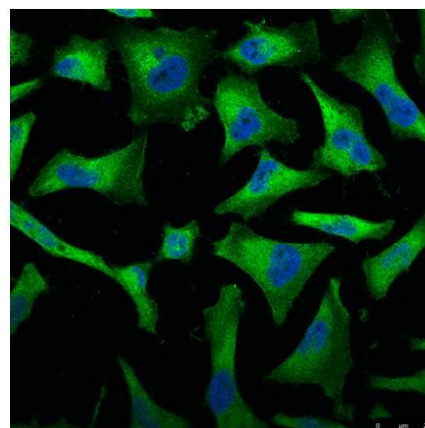
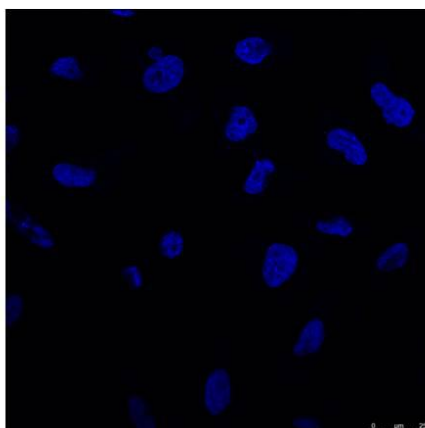
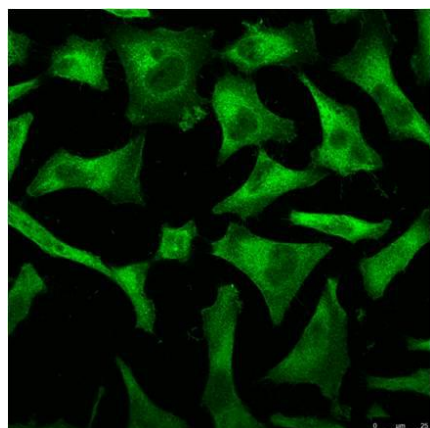
Experimental Data



Western blot analysis of 1)Hela, 2)Rat Heart Tissue, 3)Mouse Spleen Tissue with NFκB p65 Mouse mAb diluted at 1:2000.



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using NFκB p65 Mouse mAb diluted at 1:500.



IF analysis of Hela with NF κ B p65 Mouse Monoclonal Antibody (Left) and DAPI (Right) diluted at 1:100.

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.