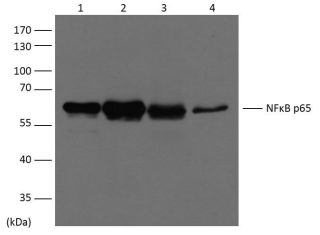
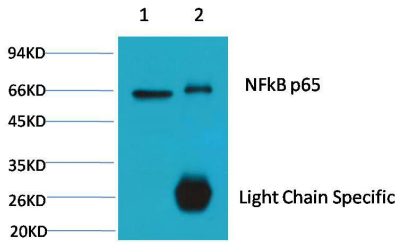
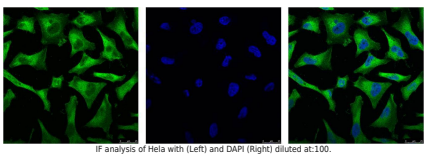
Product name:	NFKB-p65 Mouse Monoclonal Antibody
Cat number:	MAB-94715
Conjugate:	Unconjugated
Size:	100 ug
Clone:	D15E13
Concentration:	1mg/ml
Host:	Mouse
Isotype:	IgG1
Immunogen:	Recombinant Protein
Reactivity:	Human, Mouse, Rat
Applications:	WesternBlot:1/500-2000 Immunoprecipitation:1/200 Immunofluorescence:1/100-200 Immunohistochemistry:1/200-500
Molecular Weight:	65kDa
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.
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.



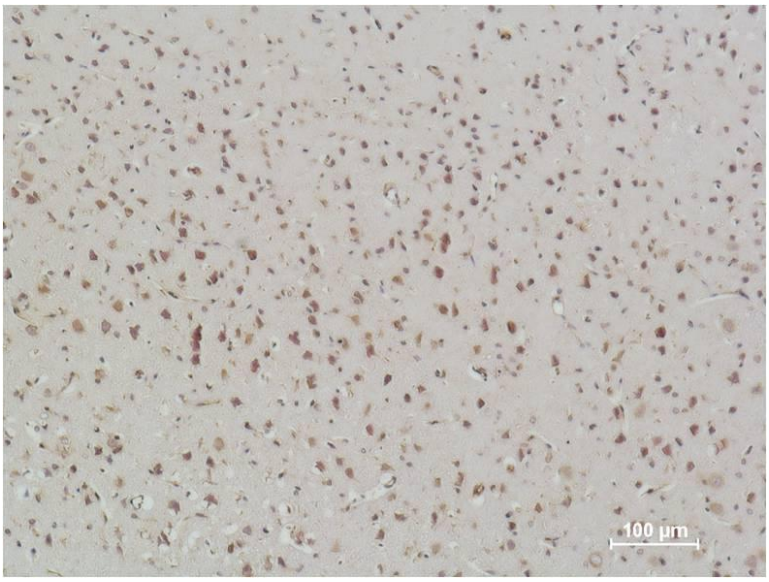
Western blot analysis of extracts from HeLa (Lane)MCF-7 (Lane 2) Mouse Liver (Lane 3) Rat Kidney (Lane 4) using NFκB p65 diluted at 1:1500.



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.