

Product name:	NFkB p65 Mouse mAb
Cat number:	ABE1111
Conjugate:	unconjugated
Size:	100 ug
Clone:	MB-9
Concentration:	1mg/mL
Host:	Mouse
Isotype:	IgG1
Immunogen:	Recombinant Protein
Reactivity:	Human, Rat, Mouse
Applications:	WB 1:500-2,000 IP 1:200 IF 1:100-200 IHC 1:200-500
Molecular Weight:	65kDa
Purification:	Affinity Purification
Form:	liquid
Buffer:	PBS with 0.02% sodium azide and 50% glycerol pH 7.4
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. 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.

