



## ELK Biotechnology

Acetyl NF kB P65 (K314/K315) (5G11) Mouse mAb

Catalog NO.: EM1377

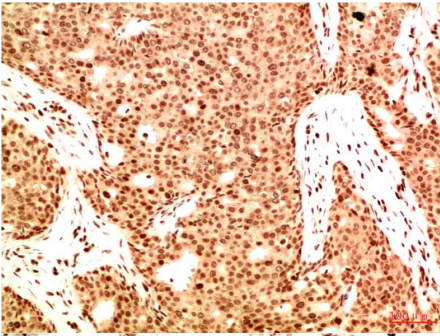
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### Overview

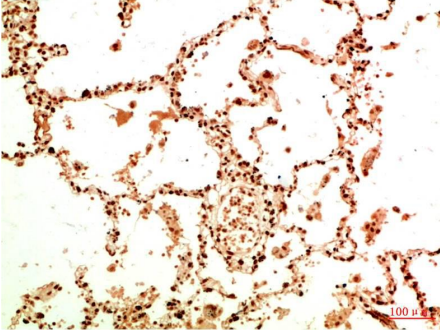
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Product name	Acetyl NF kB P65 (K314/K315) (5G11) Mouse Monoclonal antibody
Source	Mouse
Applications	IHC
Species reactivity	Human Mouse Rat
Recommended dilutions	Immunohistochemistry:1/100-200 <b>NOTE: Optimal dilutions should be determined by the end user.</b>
Immunogen	Synthetic Peptide
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1 mg/ml
Observed band	65kDa
GeneID (Human)	5970
Human Swiss-Prot No.	Q04206
Cellular localization	Cytoplasm Nucleus
Alternative Names	NF kappa B p65 NFKB3 p65 p65 NF kB RELA TF65 Transcription Factor p65
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.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using Acetyl NF kB P65(K314/K315) ( EM1377 ) Mouse mAb diluted at:200.



Immunohistochemical analysis of paraffin-embedded Human Lung Carcinoma Tissue using Acetyl NF kB P65(K314/K315) ( EM1377 ) Mouse mAb diluted at:200.