

Acetyl NF kB P65 (K314 K315) Mouse Monoclonal Antibody(5G11)

Catalog No: RA10213

Basic Information

| | |
|--------------------------|--|
| Host species | Mouse |
| Applications | IHC |
| Species Cross-Reactivity | H,M,R |
| Specificity | The antibody can detects endogenous Acetyl NF kB P65 (K314/K315) proteins. |
| Recommended dilutions | IHC: 1:100-200 Optimal dilutions should be determined by the end user. |

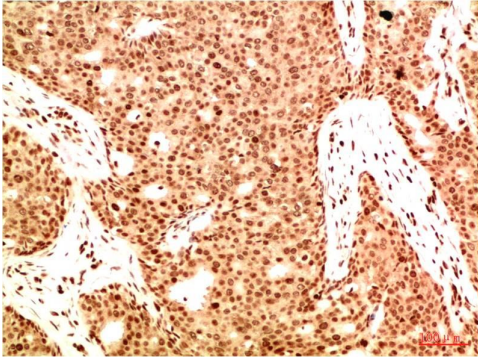
Applications

| | |
|---------------|--|
| Formulation | PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Concentration | 1 mg/ml |
| Clonality | Monoclonal |

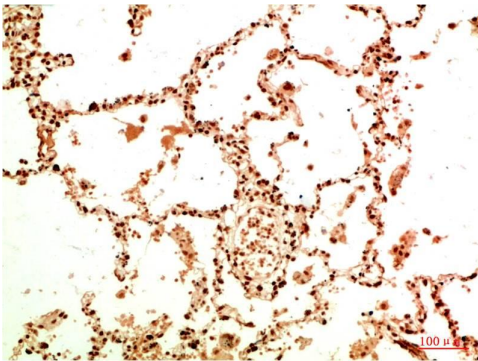
Background

| | |
|-------------------------|---|
| Alternative Names | NF kappa B p65, NFKB3, p65, p65 NF kB, RELA, TF65, Transcription Factor p65 |
| Observed band | 65 |
| Human Gene ID | 5970 |
| Human Swiss-Prot Number | Q04206 |
| 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. |

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using Acetyl NF kB P65(K314/K315) Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Lung Carcinoma Tissue using Acetyl NF kB P65(K314/K315) Mouse mAb diluted at 1:200.