**bs-23216R** **[ Primary Antibody ]**

# NFKB p65(acetyl K310) Rabbit pAb

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## DATASHEET

**Host:** Rabbit **Isotype:** IgG

**Clonality:** Polyclonal

**GeneID:** 5970 **SWISS:** Q04206

**Target:** NFKB p65(acetyl K310)

**Immunogen:** KLH conjugated Synthesised acetylpeptide derived from human NFKBp65 around the acetylation site of Lys310: TF(Ac-K)SI.

**Purification:** affinity purified by Protein A

**Concentration:** 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** NF-kappa-B is a ubiquitous transcription factor involved in several biological processes. It is held in the cytoplasm in an inactive state by specific inhibitors. Upon degradation of the inhibitor, NF-kappa-B moves to the nucleus and activates transcription of specific genes. NF-kappa-B is composed of NFKB1 or NFKB2 bound to either REL, RELA, or RELB. The most abundant form of NF-kappa-B is NFKB1 complexed with the product of this gene, RELA. Four transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011].

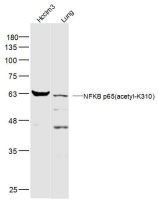
**Applications:** **WB** (1:500-2000)
**Flow-Cyt** (1ug/Test)

**Reactivity:** Human, Mouse (predicted: Rat, Pig, Sheep, Cow, Dog, GuineaPig, Horse)

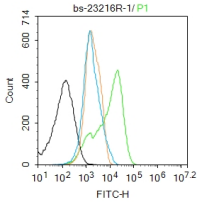
**Predicted MW.:** 61 kDa

**Subcellular Location:** Cytoplasm ,Nucleus

## VALIDATION IMAGES




Sample: Hcclm3(Human) Cell Lysate at 40 ug Lung (Mouse) Lysate at 40 ug Primary: Anti-NFKB p65(acetyl-K310) (bs-23216R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 61 kD Observed band size: 61 kD




Blank control: HL-60. Primary Antibody (green line): Rabbit Anti-NFKB p65(acetyl K310) antibody (bs-23216R) Dilution: 1µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-FITC Dilution: 1µg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at-20°C. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

## SELECTED CITATIONS

- **[IF=10.6]** Zhang Yeshen. et al. Neutrophil N1 polarization induced by cardiomyocyte-derived extracellular vesicle miR-9-5p aggravates myocardial ischemia/reperfusion injury. J NANOBIOTECHNOL. 2024 Dec;22(1):1-25 WB ;Mouse. 39415256

- **[IF=7]** Baoming Tian. et al. Etiolated-green tea attenuates colonic barrier dysfunction and inflammation in high-fat diet-induced mice by modulating gut microbiota. FOOD RES INT. 2024 Oct;:115192 WB ;Mouse. 39593402
- **[IF=5.714]** Yani He. et al. Glycolytic reprogramming controls periodontitis-associated macrophage pyroptosis via AMPK/SIRT1/NF-κB signaling pathway. INT IMMUNOPHARMACOL. 2023 Jun;119:110192 WB,IP,IHC ;Human. 37068341
- **[IF=4.6]** Yong He. et al. Rutaecarpine Ameliorates Murine N-Methyl-N’-Nitro-N-Nitrosoguanidine-Induced Chronic Atrophic Gastritis by Sonic Hedgehog Pathway. MOLECULES. 2023 Jan;28(17):6294 WB ;Rat. 37687125
- **[IF=3.616]** Shugen Xu. et al. Effect of miR-21-3p on lung injury in rats with traumatic hemorrhagic shock resuscitated with sodium bicarbonate Ringer’s solution. ANN TRANSL MED. 2022 Dec; 10(24): 1331 WB ;Rat. 36660723