

bs-5660R**[Primary Antibody]****phospho-NFKB p65 (Ser529) Rabbit pAb****BioSS**
ANTIBODIES

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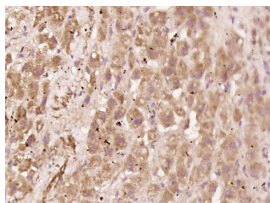
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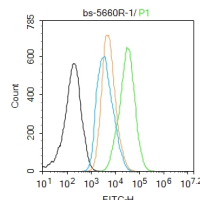
400-901-9800

DATASHEET

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 5970	SWISS: Q04206	IF (1:100-500)
Target: NFKB p65 (Ser529)		Flow-Cyt (1ug/Test)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human NFKBp65 around the phosphorylation site of Ser529: LL(p-S)GD.		Reactivity: Human (predicted: Horse)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 61 kDa
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.		Subcellular Location: Cytoplasm ,Nucleus
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].		

VALIDATION IMAGES

Paraformaldehyde-fixed, paraffin embedded (Human liver carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-NFKB p65(Ser529)) Polyclonal Antibody, Unconjugated (bs-5660R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control:A431. Primary Antibody (green line): Rabbit Anti-Phospho-NFKB p65 (Ser529) antibody (bs-5660R) Dilution: 1µg /10⁶ 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=5.293]** Liu Jiawei. et al. Lactobacillus rhamnosus GR-1 Alleviates Escherichia coli-Induced Inflammation via NF-κB and MAPKs Signaling in Bovine Endometrial Epithelial Cells. Front Cell Infect Mi. 2022 Mar;0:199 WB ;Cattle. 35310848
- **[IF=4.7]** Ding Lingli. et al. Ginsenoside compound-K attenuates OVX-induced osteoporosis via the suppression of

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RANKL-induced osteoclastogenesis and oxidative stress. NAT PRODUCT BIOPROSP. 2023 Dec;13(1):1-12 IHC ;Mouse. 37940733

- **[IF=4.493]** Chen Xiu-min. et al. Chinese Herbal Formula Huayu-Qiangshen-Tongbi Decoction Attenuates Rheumatoid Arthritis through Upregulating miR-125b to Suppress NF-κB-Induced Inflammation by Targeting CK2. J IMMUNOL RES. 2022;2022:2836128 WB ;Human. 35832651