bs-5660R

[Primary Antibody]

phospho-NFKB p65 (Ser529) Rabbit pAb



www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 5970 **SWISS:** Q04206

Target: NFKB p65 (Ser529)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human

NFKBp65 around the phosphorylation site of Ser529: LL(p-S)GD.

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: IHC-P (1:100-500)

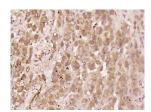
IHC-F (1:100-500) **IF** (1:100-500) Flow-Cyt (1ug/Test)

Reactivity: Human (predicted: Horse)

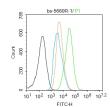
Predicted 61 kDa

Subcellular Location: Cytoplasm ,Nucleus

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: $1\mu g\,/10^{\wedge}6$ 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 nonspecific 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

— SELECTED CITATIONS —

- [IF=5.293] Liu Jiawei. et al. Lactobacillus rhamnosus GR-1 Alleviates Escherichia coli-Induced Inflammation via NF-κΒ 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

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

- [IF=4.6] Xiao-dong Wu. et al. Chinese herbal formula Huayu-Qiangshen-Tongbi decoction ameliorates rheumatoid arthritis through enhancing the release of exosomal miR-125b-5p derived from adipose-derived stem cells by CD63. BIOL RES. 2025 Dec;58(1):1-14 WB; Human. 40640922
- [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-xB-Induced Inflammation by Targeting CK2. J IMMUNOL RES. 2022;2022:2836128 WB; Human. 35832651