bs-5663R **[Primary Antibody]**

phospho-NFKB p65 (Thr505) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 5970 **SWISS:** Q04206

Target: NFKB p65 (Thr505)

Immunogen: KLH conjugated synthesised phosphopeptide derived from human around the phosphorylation site of Thr505: LV(p-T)G.

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].

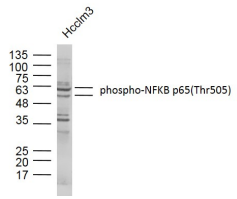
Applications: **WB** (1:500-2000)
Flow-Cyt (1ug/Test)

Reactivity: Human, Mouse (predicted: Rat, Pig, Cow, Dog)

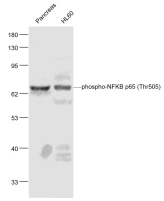
Predicted MW.: 61 kDa

Subcellular Location: Cytoplasm ,Nucleus

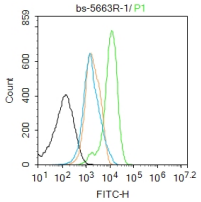
VALIDATION IMAGES



Sample: Hcclm3 Cell Lysate at 30 ug Primary: Anti-phospho-NFKB p65(Thr505) (bs-5663R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 61 kD Observed band size: 61/58 kD



Sample: Pancreas(Mouse) Lysate at 40 ug HL60(Human) Cell Lysate at 30 ug Primary: Anti-phospho-NFKB p65 (Thr505) (bs-5663R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 65 kD Observed band size: 65 kD



Blank control: HL-60. Primary Antibody (green line): Rabbit Anti-phospho-NFKB p65 (Thr505) antibody (bs-5663R) 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=7.182]** Tingting Guo. et al. Lepidium meyenii Walpers polysaccharide and its cationic derivative re-educate tumor-associated macrophages for synergistic tumor immunotherapy. Carbohyd Polym. 2020 Dec;250:116904 WB ;Mouse. 33049880

- **[IF=5.162]** Liu S et al. Structural characterization of a novel polysaccharide from Panax notoginseng residue and its immunomodulatory activity on bone marrow dendritic cells. Int J Biol Macromol . 2020 Oct 15;161:797-809. WB ;Mouse. 32553971
- **[IF=4.556]** Soon Young Hwanget al. Non-Thermal Plasma Couples Oxidative Stress to TRAIL Sensitization through DR5 Upregulation. Int J Mol Sci . 2020 Jul 26;21(15):5302. WB ;Human. 32722598
- **[IF=3.15]** Han Chen. et al. ERCC6L promotes the progression of hepatocellular carcinoma through activating PI3K/AKT and NF-κB signaling pathway. Bmc Cancer. 2020 Dec;20(1):1-10 WB ;Human. 32891122
- **[IF=1.98]** Fu Z et al. Ginkgo Biloba Extract Inhibits Metastasis and ERK/Nuclear Factor kappa B (NF-κB) Signaling Pathway in Gastric Cancer. Med Sci Monit. 2019 Sep 11;25:6836-6845. WB ;Human. 31509521