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## NFKB p65 Mouse mAb

Catalog Number: bsm-33117M

Target Protein: NFKB p65

Concentration: 1mg/ml

Form: Size : 50ul/100ul/200ul

Liquid

Size : 200ug (PBS only)

Lyophilized

Note: Centrifuge tubes before opening. Reconstitute the lyophilized product in distilled water. Optimal concentration should be determined by the end user.

Host: Mouse

Clonality: Monoclonal

Clone No.: 7G6

Isotype: IgG1

Applications: **WB** (1:1000-5000), **IHC-P** (1:200-1500), **IHC-F** (1:200-1500), **IF** (1:200-1500), **ICC/IF** (1:50)

Reactivity: Human, Mouse, Rat

Predicted MW: 61 kDa

Subcellular Cytoplasm ,Nucleus

Locations:

Entrez Gene: 5970

Swiss Prot: Q04206

Purification: affinity purified by Protein G

Storage: Size : 50ul/100ul/200ul

0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

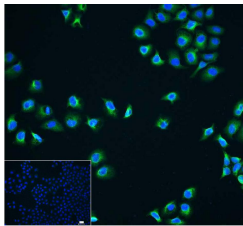
Size : 200ug (PBS only)

0.01M PBS

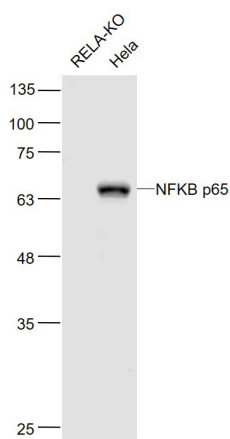
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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].

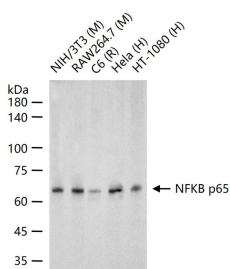
## VALIDATION IMAGES



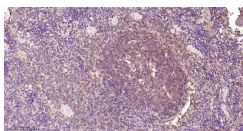
4% Paraformaldehyde-fixed HeLa (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (NFKB p65) monoclonal Antibody, unconjugated (bsm-33117M) 1:50, 90 min at 37°C; followed by conjugated Goat Anti-Mouse IgG antibody (green, bs-40296G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



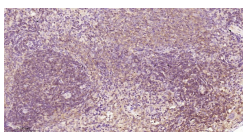
Sample: RELA-KO(Human) Cell Lysate at 30 ug HeLa(Human) Cell Lysate at 30 ug Primary: Anti-NFKB p65 (RELA) (bsm-33117M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 65 kD Observed band size: 65 kD



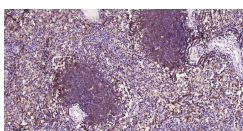
25 ug total protein per lane of various lysates (see on figure) probed with NFKB p65 monoclonal antibody, unconjugated (bsm-33117M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Mouse Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NFKB p65 Monoclonal Antibody, Unconjugated(bsm-33117M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NFKB p65 Monoclonal Antibody, Unconjugated(bsm-33117M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NFKB p65 Monoclonal Antibody, Unconjugated (ascites of bsm-33117M) 1:1500 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.

## PRODUCT SPECIFIC PUBLICATIONS

**[IF=17.1]** Lei Liu. et al. Myricetin Oligomer Triggers Multi-Receptor Mediated Penetration and Autophagic Restoration of Blood-Brain Barrier for Ischemic Stroke Treatment. ACS NANO. 2024;XXXX(XXX):XXX-XXX WB ; Mouse . 38533773

**[IF=8.7]** Xin Chen. et al. Decellularized adipose matrix hydrogel-based in situ delivery of antagomiR-150-5p for rat abdominal aortic aneurysm therapy. materials today bio. 2024 Nov 20;29:101350. Western blot ; Rat . 39677522

**[IF=8.2]** Xinyun Qin. et al. Regulation of the intestinal flora using polysaccharides from Callicarpa nudiflora Hook to alleviate ulcerative colitis and the molecular mechanisms involved. INT J BIOL MACROMOL. 2024 Feb;258:128887 WB ; Mouse . 38118262

**[IF=7.9]** Kuangyang Yang. et al. Identification of Andrographolide as a novel FABP4 inhibitor for osteoarthritis treatment. PHYTOMEDICINE. 2023 Sep;118:154939 WB ; Human . 37354697

**[IF=8.2]** Jialei Tian. et al. Chondroitin sulphate modified MoS2 nanoenzyme with multifunctional activities for treatment of Alzheimer's disease. INT J BIOL MACROMOL. 2024 May;266:131425 WB ; Human . 38583830