## bsm-33117M

# [ Primary Antibody ]

# Bioss

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

# NFKB p65 Mouse mAb

- DATASHEET -

Host: Mouse Isotype: IgG1
Clonality: Monoclonal CloneNo.: 7G6
GeneID: 5970 SWISS: Q04206

Target: NFKB p65

**Purification:** affinity purified by Protein G

Concentration: 1mg/ml

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

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** (1:1000-5000)

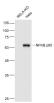
IHC-P (1:200-1500) IHC-F (1:200-1500) IF (1:200-1500) ICC/IF (1:100-500)

Reactivity: Human, Mouse, Rat

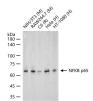
Predicted MW.: 61 kDa

**Subcellular Location:** Cytoplasm ,Nucleus

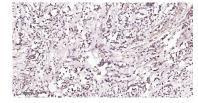
### VALIDATION IMAGES



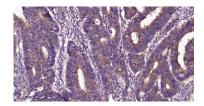
Sample: RELA-KO(Human) Cell Lysate at 30 ug Hela(Human) Cell Lysate at 30 ug Primary: Anti-NFKB p65 (RELA) (bsm-33117M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 65 kD Observed band size: 65 kD



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.

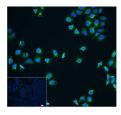


Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NFKB p65 Monoclonal Antibody, Unconjugated(bsm-33117M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010)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



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; 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.



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

### - SELECTED CITATIONS -

- [IF=12.9] Renmin Xiao. et al. Regulating astrocyte phenotype by Lcn2 inhibition toward ischemic stroke therapy. BIOMATERIALS. 2025 Jan;:123102 WB,IF; Mouse. 39836995
- [IF=12.6] Yang Chuan. et al. An orally-administered nanotherapeutics with gold nanospheres supplying for rheumatoid arthritis therapy by re-shaping gut microbial tryptophan metabolism. J NANOBIOTECHNOL. 2025 Dec;23(1):1-22 IF,WB;Mouse,Human. 40414887
- [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=8.5] Yan Liu. et al. Dendrobium officinale polysaccharide relieves hepatointestinal damage induced by chronic arsenic exposure in chickens by regulating gut microbiota. INT J BIOL MACROMOL. 2025 Aug;:147096 WB ;Chicken. 40865850
- [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