

bsm-33117M**[Primary Antibody]****NFKB p65 Mouse mAb****Bioss**
ANTIBODIES

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DATASHEET**Host:** Mouse**Clonality:** Monoclonal**GeneID:** 5970**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 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].

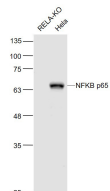
Isotype: IgG1**CloneNo.:** 7G6**SWISS:** Q04206

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

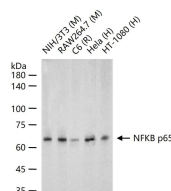
Reactivity: Human, Mouse, Rat

Predicted
MW.: 61 kDa

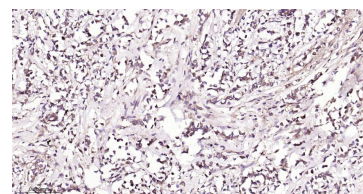
Subcellular
Location: Cytoplasm ,Nucleus

VALIDATION IMAGES

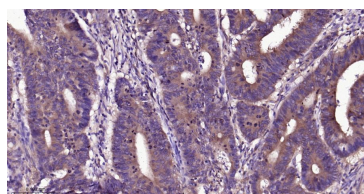
Sample: RELA-KO(Human) Cell Lysate at 30 ug
Hela(Human) Cell Lysate at 30 ug Primary: Anti-NFKB p65 (RELA) (bsm-33117M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 65 kD Observed band size: 65 kD



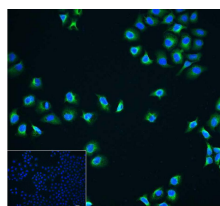
25 ug total protein per lane of various lysates (see on figure) probed with NFKB p65 monoclonal antibody, unconjugated (bsm-33117M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



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

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

used as the blank control.

— 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=8.2]** 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