

**[ Primary Antibody ]**

## NFKB p65 Mouse mAb



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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:** 004206

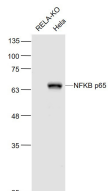
**Applications: WB** (1:1000-5000)  
**IHC-P** (1:200-1500)  
**IHC-F** (1:200-1500)  
**IF** (1:200-1500)  
**ICC/IF** (1:50)

**Reactivity:** Human, Mouse, Rat

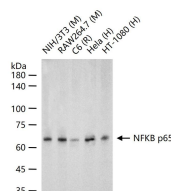
**Predicted MW.:** 61 kDa

**Subcellular Location:** Cytoplasm ,Nucleus

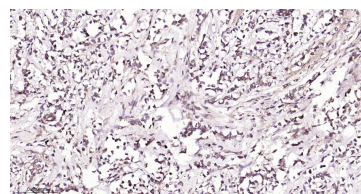
## — VALIDATION IMAGES



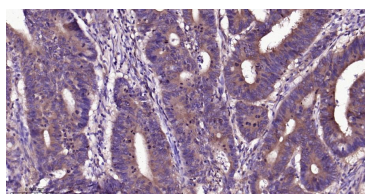
Sample: RELA-KO(Human) Cell Lysate at 30 ug  
Hela(Human) Cell Lysate at 30 ug Primary: Anti-NFKB p65 (RELA) (bsm-33117M) at 1/1000  
dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 65 kD Observed band size: 65 kD



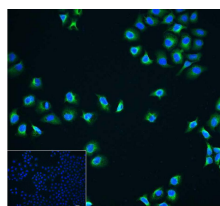
25 ug total protein per lane of various lysates (see on figure) probed with NFKB p65 monoclonal antibody, unconjugated (bsm-33117M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



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 —

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- **[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