

bsm-33059M**[Primary Antibody]****RELA | NFκB p65 Mouse mAb****BioSS**
ANTIBODIES

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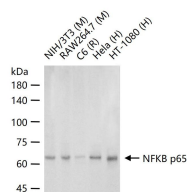
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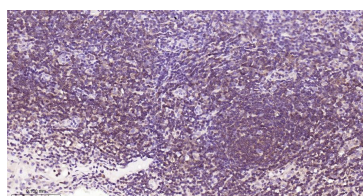
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— DATASHEET —

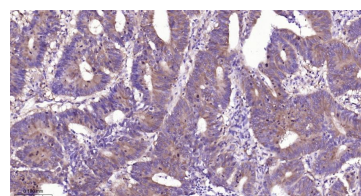
Host: Mouse Clonality: Monoclonal GeneID: 5970 Target: RELA NFκB p65 Purification: affinity purified by Protein G Concentration: 1mg/ml Storage: Size : 50ul/100ul/200ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS (pH7.4). Shipped at 4°C. Store at -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.: 12G3 SWISS: Q04206	Applications: WB (1:1000-5000) IHC-P (1:500-2000) IHC-F (1:500-2000) IF (1:500-2000) Reactivity: Human, Mouse, Rat Predicted MW.: 61 kDa Observed MW.: 65 kDa Subcellular Location: Cytoplasm ,Nucleus
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— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with NFKB p65 monoclonal antibody, unconjugated (bsm-33059M) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NFKB p65 Monoclonal Antibody, Unconjugated (ascites of bsm-33059M) at 1:1500 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 (ascites of bsm-33059M) at 1:1500 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=6.7]** Yixu Wang. et al. Psoralen alleviates acute lung injury by covalently targeting Cys106 of HMGB1 in macrophages to inhibit inflammatory responses. PHYTOMEDICINE. 2025 Apr;;156807 WB ;Mouse. 40311596
- **[IF=4.868]** Zheng GH et al. Purple Sweet Potato Color Attenuates Kidney Damage by Blocking VEGFR2/ROS/NLRP3 Signaling in High-Fat Diet-Treated Mice. Oxid Med Cell Longev. 2019 Jan 22;2019:5189819. WB ;Mouse. 30805082
- **[IF=3.04]** Liu Z et al. The neuroprotective effect of lithium chloride on cognitive impairment through glycogen synthase kinase-3β inhibition in intracerebral hemorrhage rats.(2018) Eur J Pharmacol. 2018 Dec 5;840:50-59. WB ;Rat. 30336136