

bs-4963R**[Primary Antibody]****BioSS**
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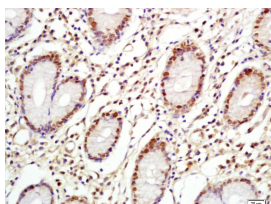
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C-Myc Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 4609 Target: C-Myc Immunogen: KLH conjugated synthetic peptide derived from human C-Myc: 101-200/439. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: The protein encoded by this gene is a multifunctional, nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. It functions as a transcription factor that regulates transcription of specific target genes. Mutations, overexpression, rearrangement and translocation of this gene have been associated with a variety of hematopoietic tumors, leukemias and lymphomas, including Burkitt lymphoma. There is evidence to show that alternative translation initiations from an upstream, in-frame non-AUG (CUG) and a downstream AUG start site result in the production of two isoforms with distinct N-termini. The synthesis of non-AUG initiated protein is suppressed in Burkitt's lymphomas, suggesting its importance in the normal function of this gene. [provided by RefSeq, Jul 2008].	Isotype: IgG SWISS: P01106 Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human (predicted: Rabbit, Pig, Sheep, Cow, Dog) Predicted MW.: 49 kDa Subcellular Location: Nucleus
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— VALIDATION IMAGES —

Tissue/cell: human gastric carcinoma; 4%
Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-C-Myc Polyclonal Antibody, Unconjugated(bs-4963R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=25.671]** Shi, Ningning. et al. Restoration of dystrophin expression in mice by suppressing a nonsense mutation through the incorporation of unnatural amino acids. Nat Biomed Eng. 2021 Aug;;1-12 WB ;Human. 34341535
- **[IF=18.952]** Mahmoud Labibet al. Tracking the expression of therapeutic protein targets in rare cells by antibody-

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- mediated nanoparticle labelling and magnetic sorting. Nat Biomed Eng . 2020 Jul 27. FCM ;Human. 32719513
- **[IF=6.044]** Li Y et al. Apple polysaccharide protects ICR mice against colitis associated colorectal cancer through the regulation of microbial dysbiosis. Carbohydr Polym. 2020 Feb 15;230:115726. WB ;Mouse&Human. 31887919
 - **[IF=6.384]** Xiaowei Qin. et al. Neddylation inactivation affects cell cycle and apoptosis in sheep follicular granulosa cells. J CELL PHYSIOL. 2022 May 16 WB ;Sheep. 35578798
 - **[IF=5.714]** Yayun Xu. et al. Acid sensor ASIC1a induces synovial fibroblast proliferation via Wnt/ β -catenin/c-Myc pathway in rheumatoid arthritis. INT IMMUNOPHARMACOL. 2022 Dec;113:109328 IHC,IF ;Rat, Human. 36279671