

bs-8852R**[Primary Antibody]****Myc Rabbit pAb****Bioss**
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
Target: Myc		IHC-F (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from fruit fly d-myc: 121-220/717.		IF (1:100-500)
Purification: affinity purified by Protein A		ICC/IF (1:100-500)
Concentration: 1mg/ml		ELISA (1:5000-10000)
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.		Reactivity: (predicted: Firefly, Fruit Fly)
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].		Predicted MW.: 79 kDa
		Subcellular Location: Nucleus

— SELECTED CITATIONS —

- **[IF=7.4]** Wang Caihong, et al. Melatonin promotes Al³⁺ compartmentalization via H⁺ transport and ion gradients in *Malus hupehensis*. PLANT PHYSIOL. 2023 Jun;; CoIP ;*Malus hupehensis*. 37311207