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## c-Myc Recombinant Rabbit mAb

Catalog Number: bsm-56001R

Target Protein: c-Myc

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 18H19

Isotype: IgG1

Applications: WB (1:500-2000)

Reactivity: Human

Predicted MW: 51 kDa

Detected MW: 62 kDa

Subcellular Nucleus

Locations:

Purification: affinity purified by Protein A

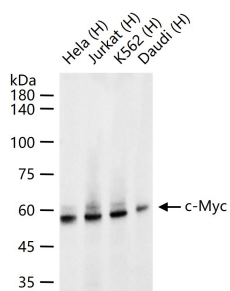
Storage: 0.1M Phosphate Buffered Saline, pH7.4.

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].

### VALIDATION IMAGES

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25 ug total protein per lane of various lysates (see on figure) probed with c-Myc monoclonal antibody, unconjugated (bsm-56001R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.