



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to MYC

Catalog Number: MAB-606030209

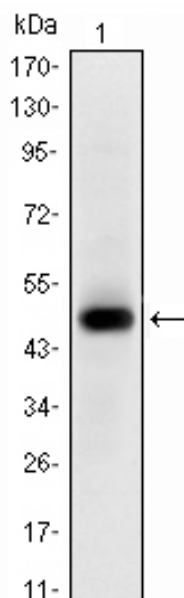


Figure 1: Western blot analysis using MYC mAb against recombinant protein.

Lot#:
Clone#: 7E10
Host and isotype: Mouse IgG1
Size: 0.1ml
MW: 49kDa
Aliases: MRTL; c-Myc; bHLHe39
Entrez Gene: 4609
Species reactivity: Human

Description 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).

Immunogen Purified recombinant fragment of human MYC expressed in E. Coli.

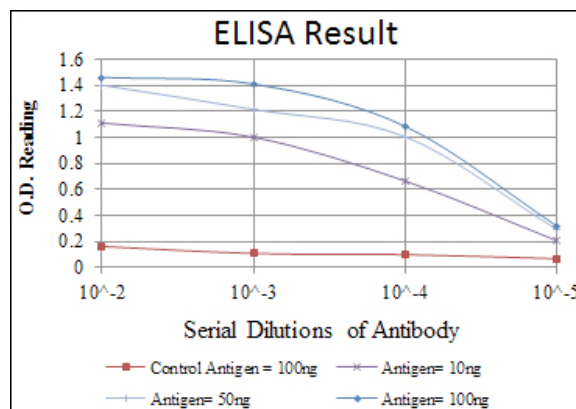
Application Western Blotting: 1/500 - 1/2000.
ELISA: Propose dilution 1/10000.
Not yet tested in other applications.
Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4°C, for long term storage, store at -20°C.

Related product References

1. Mol Cell. 2009 Sep 11;35(5):610-25.



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