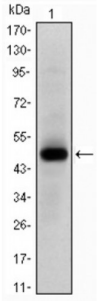
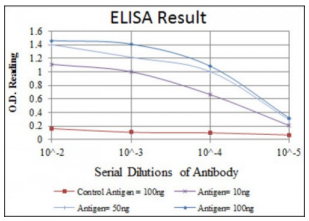
Myc Proto-Oncogene Protein (MYC) Antibody

Catalogue No.:abx011838



Western blot analysis using MYC antibody against human MYC (AA:214-387) recombinant protein. (Expected MW is 44.7 kDa).



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

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).

Target:	Myc Proto-Oncogene Protein (MYC)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human MYC expressed in E. coli.
Isotype:	IgG_1

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Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P01106 (UniProt, ExPASy)
Gene Symbol:	MYC
GeneID:	4609
OMIM:	113970
HGNC:	7553
KEGG:	hsa:4609
Ensembl:	ENSG00000136997
String:	9606.ENSP00000479618
Molecular Weight:	49 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	This product is for research use only.

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