



Catalog: OM121897

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Rabbit anti-MYC polyclonal antibody - C-terminal region

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☐ 100ug

Product profile

Product name	Rabbit anti-MYC polyclonal antibody - C-terminal region
Antibody Type	Tags Antibodies
Immunogen	The immunogen for anti-MYC antibody: synthetic peptide directed towards the C terminal of human MYC

Key Feature

Clonality	Polyclonal
Isotype	IgG
Host Species	Rabbit
Tested Applications	WB
Species Reactivity	Dog Human Mouse Rat
Concentration	1 mg/ml
Purification	Affinity purified

Target Information

Gene Symbol	MYC
Gene Synonyms	MRTL; c-Myc; bHLHe39
Gene Full Name	V-myc myelocytomatosis viral oncogene homolog (avian)
Gene Summary	MYC 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 MYC gene have been associated with a variety of hematopoietic tumors, leukemias and lymphomas, including Burkitt lymphoma. 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.

Alternative Names	MRTL, c-Myc, bHLHe39
Molecular Weight(MW)	49kDa
Sequence	439 amino acids

Database Links

Entrez Gene	4609
SwissProt ID	P01106
Protein Accession	NP_002458

Additional Information

Form	Liquid
Storage Instructions	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles
Storage Buffer	phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Note	The product is for research use only,not for use in diagnostic or therapeutic procedures.

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This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt
