



Catalog: OM285608

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MYC Antibody

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☐ 100ug

Product profile

Product name	MYC Antibody
Antibody Type	Tags Antibodies
Product description	<p>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.</p>
Immunogen	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human MYC.

Key Feature

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

Target Information

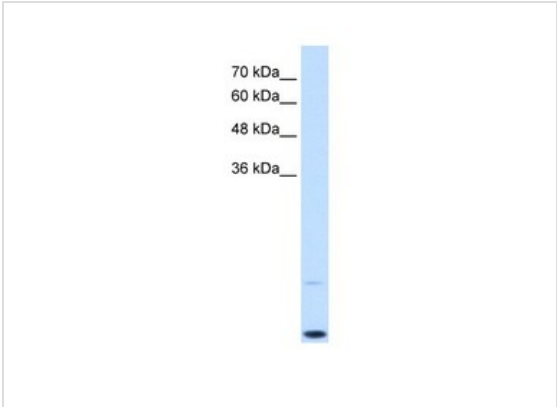
Gene Symbol	MYC
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Alternative Names	MYC, c-Myc, MRTL, MYCC, bHLHe39
Molecular Weight(MW)	7 kDa, 51 kDa

Database Links

Entrez Gene	4609
Protein Accession	CAA46984

Application



Application
 Antibody used in WB on Human HepG2 at 0.2-1 ug/ml.

Positive Control	1) Cat. No. 1211 - HepG2 Cell Lysate
Application Notes	MYC antibody can be used for detection of MYC by ELISA at 1:312500. MYC antibody can be used for detection of MYC by western blot at 0.25 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.:

Additional Information

Form	Liquid
Storage Instructions	For short periods of storage (days) store at 4 °C. For longer periods of storage, store MYC antibody at -20 °C. As with any antibody avoid repeat freeze-thaw cycles.
Storage Buffer	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
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

