



Catalog: OM285607

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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.¹) Bentley, D.L. (1986) Mol. Cell. Biol. 6 (10), 3481-3489.</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 ,IHC ,WB
Species Reactivity	Human
Concentration	1 mg/ml
Purification	Protein A

Target Information

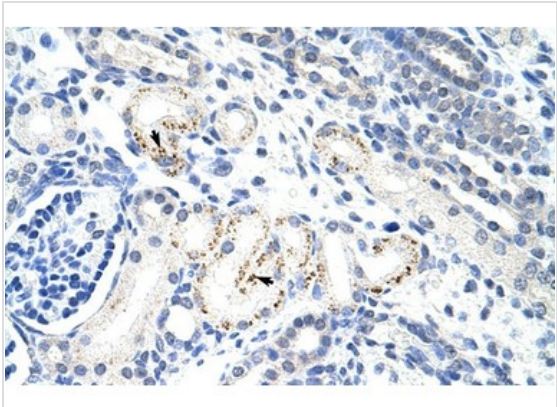
Gene Symbol	MYC
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Alternative Names	MYC, MRTL, MYCC, c-Myc, bHLHe39
Molecular Weight(MW)	19 kDa, 51 kDa

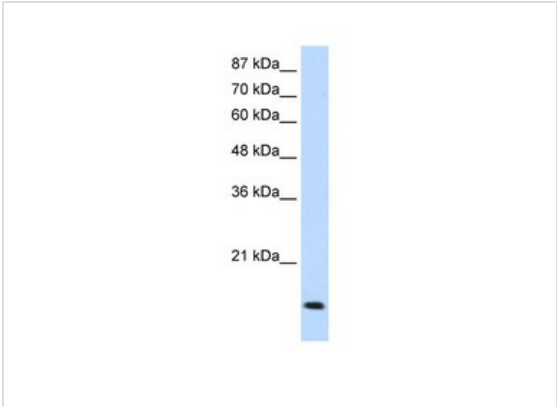
Database Links

Entrez Gene	4609
Protein Accession	AAA88092

Application



Application
Antibody used in IHC on Human kidney.



Application
Antibody used in WB on Human Jurkat 1.25 ug/ml.

Positive Control	1) Cat. No. 1205 - Jurkat Cell Lysate
Application Notes	MYC antibody can be used for detection of MYC by ELISA at 1:1562500. MYC antibody can be used for detection of MYC by western blot at 1.25 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	IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Note	The product is for research use only,not for use in diagnostic or therapeutic procedures.

OmnimAbs.com

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506 N. GARFIELD AVE #210 ALHAMBRA, CA 91801
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
