



Catalog: OM285609

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MYC Antibody

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☐ 100ug

Product profile

Product name	MYC Antibody
Antibody Type	Tags Antibodies
Product description	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) Frater, J.L., et al., (2006) Cancer Genet. Cytogenet. 166 (2), 139-145.
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, MRTL, MYCC, c-Myc, bHLHe39

Molecular Weight(MW) 49 kDa

Database Links

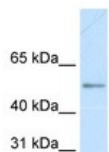
Entrez Gene 4609

Protein Accession NP_002458

Application

Application

Antibody used in WB on Human Small Intestine at 0.2-1 ug/ml.



Positive Control 1) Cat. No. XBL-10420 - Fetal Small Intestine Tissue 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 1 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.

OmnimAbs.com

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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