

Rabbit anti-Human MYC/c-Myc Polyclonal Antibody | anti-MYC antibody

MYC/c-Myc Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA163133	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

MYC/c-Myc; Polyclonal Antibody; MYC/c-Myc Rabbit anti-Human Polyclonal Antibody; PathPlus MYC/c-Myc Antibody; MYC; BHLHe39; C-Myc; MRTL; Myc proto-oncogene protein; Proto-oncogene c-Myc; Rats1; Transcription factor p64; v-myc; anti-MYC antibody

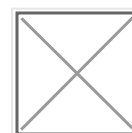
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-MYC antibody	IHC (Immunohistochemistry)
Target	Human MYC/c-Myc
Immunogen	LP-11577, synthetic peptide
Conjugation	Unconjugated
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

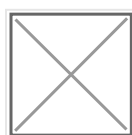
IMAGES



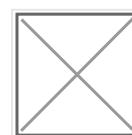
IHC (Immunohistochemistry)
MYC/c-Myc Antibody-Human Ovarian Carcinoma: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
MYC/c-Myc Antibody-Human Adrenal: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
MYC/c-Myc Antibody-Human Thyroid: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
MYC/c-Myc Antibody-Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-MYC antibody	C-Myc antibody is an unconjugated rabbit polyclonal antibody to c-Myc (MYC) from human. Validated for IHC. MYC (c-Myc) is a multifunctional nuclear phosphoprotein that plays a central role in cell cycle progression, apoptosis and cellular transformation. It is one of the Yamanaka master transcription factors (MYC, OCT4/POU5F1, SOX2 and KLF4) that are involved in transdifferentiation, induced pluripotency and aging. It regulates the transcription of thousands of specific target genes (roughly 15% of all genes), and it generally upregulates their expression. MYC itself is broadly overexpressed in cervical, colorectal, breast, lung, stomach and other cancers. Mutations, rearrangements and translocations of this gene have also been associated with a variety of hematopoietic tumors, leukemias and lymphomas, including Burkitt's lymphoma. In immunohistochemistry of normal tissues, MYC has nuclear positivity in all cells with the exception of stroma and glial cells.
References	Proceedings of the National Academy of Sciences of the United States of America. 85 (9): 3052 -6, PMID: 2834731; PLoS One. 2008;3(10):e3534, PMID: 18953412; Science. 2017 Aug 18;357(6352). pii: eaan2507, PMID: 28818916; Cell. 2016 Dec 15;167(7):1719-1733.e12, PMID: 27984723

NCBI AND UNIPROT INFORMATION

NCBI GI #	71774083
NCBI GeneID	4609
NCBI Accession #	NP_002458.2
NCBI GenBank Nucleotide #	NM_002467
UniProt Accession #	P01106 ; P01107 ; Q14026 ; A8WFE7
Molecular Weight	48,804 Da
NCBI Official Full Name	myc proto-oncogene protein
NCBI Official Synonym Full Names	v-myc myelocytomatosis viral oncogene homolog (avian)
NCBI Official Symbol	MYC
NCBI Official Synonym Symbols	MRTL; c-Myc; bHLHe39
NCBI Protein Information	myc proto-oncogene protein; proto-oncogene c-Myc; transcription factor p64; class E basic helix-loop-helix protein 39; avian myelocytomatosis viral oncogene homolog; v-myc avian myelocytomatosis viral oncogene homolog; myc-related translation/localization
UniProt Protein Name	Myc proto-oncogene protein
UniProt Gene Name	MYC
UniProt Synonym Gene Names	BHLHE39; bHLHe39
UniProt Entry Name	MYC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/myc-c-myc-antibody-immunohistochemistry-elisa/163133>