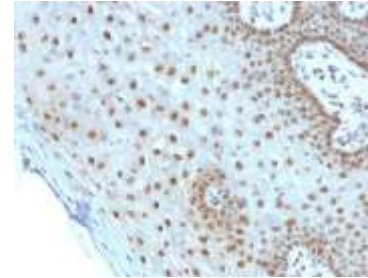


Anti-c-Myc Oncoprotein Antibody (MYC275)

CATALOG NO:	A1450-100
ALTERNATIVE NAMES:	Class E basic helix-loop-helix protein 39 (bHLHe39), MRTL, Myc2, Niard, Nird, Proto-oncogene c-Myc, RNCMYC, Transcription factor p64, Transcriptional regulator Myc-A, V-Myc avian myelocytomatosis viral oncogene homolog
AMOUNT:	100 µg
IMMUNOGEN:	Recombinant human c-myc protein
HOST/ISOTYPE:	Mouse / IgG1, kappa
CLONALITY:	Monoclonal
CLONE:	BRD469
MOL WEIGHT:	62-64 kDa
SPECIES REACTIVITY:	Human
PURIFICATION:	Protein A/G purified
FORM:	Liquid
FORMULATION:	Supplied in 10 mM PBS with 0.05% BSA & 0.05% azide
STORAGE CONDITIONS:	Shipped at 4°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
DESCRIPTION:	The c-Myc protein is a transcription factor, which is encoded by the c-Myc gene on human chromosome 8q24. c-Myc is commonly activated in a variety of tumor cells and plays an important role in cellular proliferation, differentiation, apoptosis and cell cycle progression. The phosphorylation of c-Myc has been investigated and previous studies have suggested a functional association between phosphorylation at Thr58/Ser62 by glycogen synthase kinase 3, cyclin dependent kinase, ERK2 and C-Jun N terminal Kinase (JNK) in cell proliferation and cell cycle regulation. Studies also have shown that c-Myc is essential for tumor cell development in vasculogenesis and angiogenesis that distribute blood throughout the cells, and which brought extensive attention in the development of new therapeutic approach for cancer treatment.
APPLICATION:	FC: 0.5-1µg/1X10 ⁶ cells in 0.1ml IF: 1-2µg/ml IHC: 1-2µg/ml for 30 minutes at RT (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes) Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Formalin-fixed, paraffin-embedded human Cervical Carcinoma stained with c-Myc Monoclonal Antibody

RELATED PRODUCTS:

- Anti-Bcl-2 Antibody (100/D5 + 124) (Cat. No. A1435)
- Anti-Bcl-6 Antibody (BCL6/1475) (Cat. No. A1436)
- Anti-Bcl-6 Antibody (BCL6/1527) (Cat. No. A1437)
- Anti-Bax Antibody (BAX/962) (Cat. No. A1434)
- Anti-Adipophilin Antibody (ADFP/1494) (Cat. No. A1422)
- Anti-AFP Antibody (C3) (Cat. No. A1423)
- Anti-ALDH1A1 Antibody (ALDH1A1/1381) (Cat. No. A1424)
- Anti-ALK Antibody (ALK/1503) (Cat. No. A1425)
- Anti-Alkaline Phosphatase Antibody (ALPL/597) (Cat. No. A1426)
- Anti-Alpha-1-Antitrypsin Antibody (AAT/1378) (Cat. No. A1427)

FOR RESEARCH USE ONLY! Not to be used on humans.