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Anti-c-Myc Antibody Picoband® Biotin Conjugated

Catalog Number: PB9092-Biotin

About MYC

C-Myc is an oncogene that functions both in the stimulation of cell proliferation and in apoptosis. C-Myc elicits its oncogenic activity by causing immortalization, and to a lesser extent the transformation of cells, in addition to several other mechanisms. The c-MYC proto-oncogene encodes a transcription factor that is critical for cell growth and proliferation. It is one of the genes frequently altered in cancer cells in which it exhibits constitutive activity. Downregulation of c-Myc is critical for 2-Methoxyestradiol (2ME2)-induced oxidative stress and apoptosis in AML cells. And its up-regulation is important for promoting lymphocyte cell division, and demonstrating that GFP-c-Myc expression is a marker of proliferating lymphocytes in vivo.

Overview

Product Name	Anti-c-Myc Antibody Picoband® Biotin Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P01106

Technical Details

Immunogen	E.coli-derived human c-Myc recombinant protein (Position: E257-A439). Human c-Myc shares 91% amino acid (aa) sequences identity with both mouse and rat c-Myc.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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19 Publications Citing This Product

1. PubMed ID: 10.3748/wjg.14.5008, Positional and expressive alteration of prohibitin during the induced differentiation of human hepatocarcinoma SMMC-7721 cells

2. PubMed ID: 10.3892/or_00000554, Let-7a microRNA functions as a potential tumor suppressor in human laryngeal cancer

3. PubMed ID: 24194897, Li M, Tian L, Wang L, Yao H, Zhang J, Lu J, Sun Y, Gao X, Xiao H, Liu M. Plos One. 2013 Oct 23;8(10):E77829. Doi: 10.1371/Journal.Pone.0077829. Ecollection 2013. Down-Regulation Of Mir-129-5P Inhibits Growth And Induces Apoptosis In Laryngeal Squa...

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