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39-1025: Anti-c-Myc Monoclonal Antibody (Clone: 9E10)

Clonality: Monoclonal

Clone Name: 9E10

Application: WB,IHC-P,ICC
Reactivity: Human
Gene: MYC
Gene ID: 4609
Uniprot ID: P01106

Alternative Name: Myc proto-oncogene protein; Proto-oncogene c-Myc; Transcription factor p64; Myc

Isotype: Mouse IgG1

Immunogen Information: Synthetic peptide corresponding to residues 408-439 of the human p62c-Myc protein.

Description

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.

Product Info

Amount : 100 μg/vial **Purification :** Ascites

Content: Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.

Reconstitute: Add 1ml of PBS buffer will yield a concentration of 100ug/ml.

Storage condition:

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and

stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : $4\tilde{A} = 4\tilde{A} = 4\tilde{A}$

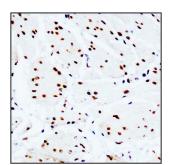


Figure 1: Anti-c-Myc monoclonal antibody(39-1025). IHC(P): Rat Cardiac Muscle Tissue.