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Anti-Human c-Myc p67 Purified

Catalog Number: 14-6784
Also Known As:cmyc
RUO: For Research Use Only

Product Information

Contents: Anti-Human c-Myc p67 Purified
REF Catalog Number: 14-6784
Clone: 9E10
Concentration: 0.5 mg/ml
Host/Isotype: Mouse IgG1

Formulation: 200 µg/ml mouse monoclonal IgG1 in PBS, 0.1 % sodium azide, 0.2% gelatin.
Temperature Limitation: Store at 2-8°C.
LOT Batch Code: Refer to Vial
Use By: Refer to Vial
Caution, contains Azide

Description

The 9E10 antibody reacts with human c-Myc p67; the antibody was raised against a synthetic peptide corresponding to amino acids 408-439 within the carboxy terminal domain of human c-Myc. This antibody can be used to detect myc-tagged protein.
The transcription factor c-Myc is a proto-oncogene that is at the focal point in cell cycle regulation, metabolism, apoptosis, differentiation, cell adhesion, and tumorigenesis (1-3). In normal cells the expression of c-Myc is tightly regulated but in human cancers c-Myc is frequently deregulated (2&3).c-Myc also plays a pivotal role in apoptosis, most notably its connections to the CD95/Fas death receptor pathway (1&4). These different biological responses to c-Myc are most likely the result of different overlapping subsets of c-Myc target genes (1).

Applications Reported

Purified anti-human c-Myc p67 has been reported for use in immunoprecipitation, immunoblotting (WB), and immunohistochemical staining.

Applications Tested

The 9E10 antibody has been tested by immunoblotting (WB).

References

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