



Anti-cMyc Antibody (Clone PM3E7)

Alternative Names: MYCC, MYC Proto-oncogene, Myc proto-oncogene protein

Catalogue Number: AX17-10004-100ug

Size: 100 µg

Background Information

The c-Myc and N-Myc oncogenes are members of the Myc family of transcription factors that regulate cell proliferation and apoptosis. c-MYC has a pivotal function in growth control, differentiation and apoptosis, being expressed in proliferating tissues, and its abnormal expression is associated with many tumors. Overexpression of c-MYC sensitises cells to apoptosis by a variety of stimuli. How the apoptotic response is regulated by c-MYC depends on the specific cell type and the physiological status of the cell.

Product Information

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|----------------------------|---|----------------------------|-------|
| Antibody Type: | Monoclonal | Host: | Mouse |
| Isotype: | IgG2a | Species Reactivity: | Human |
| Immunogen: | A synthetic peptide from the N-terminal region of Human c-Myc Conjugated to purified protein derivative (PPD) | | |
| Format: | 100 µg in 100 µl PBS containing 0.02% sodium azide. | | |
| Storage Conditions: | 6 months: 4°C. Long-term storage: -20°C. Avoid multiple freeze and thaw cycles. | | |
| Applications: | IHC IP WB | | |

Additional Information

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|------------------------------|------------------------|--------------------|--|
| Subcellular location: | Nucleoplasm, Nucleolus | MW: | 64kDa (Intended as a general guide and does not allow for all isoforms and species variations) |
| Gene ID | 4609 | Uniprot ID: | P01106 |



References

Evan et al. 1988. Curr Top Microbiol Immunol. 141:189-201. PMID: 3063442.
