



## Anti-cMyc Antibody (Clone PM3E7)

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

**Catalogue Number:** AX17-10004-50ug

**Size:** 50 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

|                            |   |                            |       |
|----------------------------|---|----------------------------|-------|
| <b>Antibody Type:</b>      | Monoclonal  | <b>Host:</b>               | Mouse |
| <b>Isotype:</b>            | IgG2a   | <b>Species Reactivity:</b> | Human |
| <b>Immunogen:</b>          | A synthetic peptide from the N-terminal region of Human c-Myc Conjugated to purified protein derivative (PPD) |                            |       |
| <b>Format:</b>             | 50 µg in 50 µl PBS containing 0.02% sodium azide.   |                            |       |
| <b>Storage Conditions:</b> | 6 months: 4°C. Long-term storage: -20°C. Avoid multiple freeze and thaw cycles.                               |                            |       |
| <b>Applications:</b>       | IHC   IP   WB   |                            |       |

### Additional Information

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



## References

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

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