

# Anti-cMyc [9E10]

**Catalogue number:** 151067

**Sub-type:** Primary antibody

**Images:** [https://res.cloudinary.com/ximbio/image/upload/c\\_fit/891380bb-3b39-4cec-8e4b-81313b9393a6.jpg](https://res.cloudinary.com/ximbio/image/upload/c_fit/891380bb-3b39-4cec-8e4b-81313b9393a6.jpg)

## Contributor

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## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-cMyc [9E10]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Monoclonal antibody raised against sequence of c-Myc, a proto-oncogene heavily implicated in a variety of (hematopoietic) cancers, which has been used in cancer research to detect and understand the distribution of the c-Myc oncogene product.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1 kappa

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** Synthetic peptide (AEEQKLISEEDLLRKRREQLKHKLEQLRNSCA - 32 aa) corresponding to 408-439 of Human c-Myc conjugated to KLH.

**Immunogen UNIPROT ID:** P01106

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** c Myc epitope tag

**Target alternate names:**

**Target background:** Anti c-Myc is raised against the proto-oncogene c-Myc, analogous to the avian v-Myc gene a very strong proto-oncogene often found to be upregulated in cancer. Aberrant and constitutive expression of c-Myc has been particularly implicated in the upregulation of genes involved in cellular proliferation and has been identified in cancers including carcinoma of cervix, colon, breast, lung and stomach, plus a translocation leading to Burkitt's lymphoma. The gene product of c-Myc (p62) is upregulat...

**Molecular weight:**

**Ic50:**

## Applications

**Application:** ChIP ; ELISA ; IHC ; IP ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 1 mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** PBS with 0.02% azide

**Storage conditions:** Store at -20° C frozen. Avoid repeated freeze / thaw cycles

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:** K14MycER Mouse ; Anti-cMyc [9E11] ; Anti-cMyc, Recombinant [9E10]

## References

**References:** Increased a-series gangliosides positively regulate leptin/Ob receptor-mediated signals in hypothalamus of GD3 synthase-deficient mice. ; Fischer et al. 2015. Front Immunol. 6:211. PMID: 25999949. ; Gullick et al. 1990. J Pathol. 162(3):275-6. PMID: 2266467. ; 'EGF receptor' antibody 29.1.1. ; Parker et al. 1984. J Biol Chem. 259(15):9906-12. PMID: 6086658. ; Monoclonal antibodies against the human epidermal growth factor receptor from A431 cells. Isolation, characterization, and use in the purification of active epidermal growth factor receptor.

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