

# Anti-cMyc [PM3E7]

**Catalogue number:** 152697

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Gerard Evan

**Institute:** Cancer Research UK, London Research Institute: Lincoln's Inn Fields

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-cMyc [PM3E7]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** The c-Myc and N-Myc oncogenes are members of the Myc family of transcription factors that regulate cell proliferation and apoptosis. c-Myc is expressed in proliferating tissues and increased c-Myc expression is found in many cancers. N-Myc is amplified in a proportion of neuroblastoma patients.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG2a

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** A synthetic peptide APSEDIWKKFEL corresponding to amino acids 44-55 of c-Myc coupled to PPD

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** cMyc, c-Myc

**Target alternate names:**

**Target background:** The c-Myc and N-Myc oncogenes are members of the Myc family of transcription factors that regulate cell proliferation and apoptosis. c-Myc is expressed in proliferating tissues and increased c-Myc expression is found in many cancers. N-Myc is amplified in a proportion of neuroblastoma patients.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** IHC ; IP ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 0.9-1.1 mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

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

**Storage conditions:** -15° C to -25° C

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

## Related tools

**Related tools:**

## References

**References:** Grupp et al. 1995. J Exp Med. 181(1):161-8. PMID: 7807000. ; Molecular mechanisms that control expression of the B lymphocyte antigen receptor complex. ; DeFranco et al. 1994. Chem Immunol. 59:156-72. PMID: 7945925. ; Structure and function of the B-cell antigen receptor. ; Smith-Ravin et al. 1990. Clin Exp Immunol. 82(1):181-7. PMID: 2208792. ; Characterization of two monoclonal antibodies (UCL4D12 and UCL3D3) that discriminate between human mantle zone and marginal zone B cells. ; Armitage et al. 1988. Eur J Immunol. 18(1):67-76. PMID: 3257923. ; A new antigen identified by the monoclonal antibody UCHB 1 delivers a costimulatory signal to a subset of human B cells. ; Coakham et al. 1984. Lancet. 1(8386):1095-8. PMID: 6202990. ; Use of monoclonal antibody panel to identify malignant cells in cerebrospinal fluid.

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