

Anti- Human c-Myc (9E10)

			
FITC	MYCF-100T	100 test	

1. PRODUCT DESCRIPTION

- **Clone:** 9E10;
- **Isotype:** IgG1;
- **Tested application:** flow cytometry;
- **Immunogen:** C-terminal region of human c-Myc, aa 408-439;
- **Species reactivity:** Human;
- **Storage instruction:** store in the dark at 2-8 °C;
- **Storage buffer:** aqueous buffered solution containing protein stabilizer and 0.09% sodium azide (NaN₃);
- **Recommended usage:** Immunostep's c-Myc, clone 9E10, is a monoclonal antibody intended for the identification of c-Myc proto-oncogene using flow cytometry. This reagent is effective for direct immunofluorescence staining of human tissue for flow cytometric analysis using 1 test for 10⁶ cells;
- **Presentation:** liquid;
- **Source:** Supernatant proceeding from an in vitro cell culture of a cell hybridoma;
- **Purification:** Protein A chromatography;
- **Other names:** Oncogene Myc, Myc proto-oncogene protein;
- **Gene ID:** 4609;
- **Molecular weight:** 62 kDa.

2. ANTIGEN DETAILS

Large description: The c-myc protein is a 62 kD nuclear factor that is ubiquitously expressed in the nucleus. c-myc is part of a heterodimeric complex with MAX that acts as a potent transcriptional activator.

The proto-oncogene c-MYC, has a pivotal function in growth control, differentiation and apoptosis and is among the most frequently affected genes in human cancers.⁽¹⁻²⁾

The protein encoded by this gene is a multifunctional, nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. It functions as a transcription factor that regulates transcription of specific target genes.⁽³⁾

3. WARRANTY

Warranted only to conform to the quantity and contents stated on the label or in the product labelling at the time of delivery to the customer. Immunostep disclaims hereby other warranties.

Immunostep's sole liability is limited to either the replacement of the products or refund of the purchase price.

4. ADDITIONAL INFORMATION

For research use only. Not for diagnostic use.

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Unless otherwise indicated by Immunostep by written authorization, this product is intended for research only and is not to be used for any other purpose, including without limitation, for human or animal diagnostic, therapeutic or commercial purposes.

Please, refer to www.immunostep.com technical support for more information.

5. REFERENCES

1. Hoffman B, Amanullah A, Shafarenko M, Liebermann DA. 2002. The proto-oncogene c-myc in hematopoietic development and leukemogenesis. *Oncogene* 21(21): 3414-3421.
2. Boxer LM, Dang CV. 2001. Translocations involving c-myc and c-myc function. *Oncogene* 20(40):5595-5610.
3. Dang CV, Resar LM, Emison E, Kim S, Li Q, Prescott JE, Wonsey D, Zeller K. 1999. Function of the c-Myc oncogenic transcription factor. *Exp Cell Res* 253(1): 63-77.

6. EXPLANATION OF SYMBOLS

	Fluorochrome
	Product reference
	Content for <n> analysis
	Regulatory Status
	Research Use Only
	Manufacturer

7. MANUFACTURED BY:



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