

# Product Datasheet

## c-Myc Antibody (9E10.3) [PE/Cy7] **NBP2-47738PECY7**

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP2-47738PECY7**

c-Myc Antibody (9E10.3) [PE/Cy7]

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	9E10.3
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	PE/Cy7
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	4609
<b>Gene Symbol</b>	MYC
<b>Species</b>	Human, Chicken (Negative), Mouse (Negative), Rat (Negative)
<b>Reactivity Notes</b>	Does not react with Mouse, Rat or Chicken.
<b>Specificity/Sensitivity</b>	It recognizes a transcription factor of 64-67kDa, identified as c-myc. Its epitope spans between aa 410-419 (EQKLISEEDL) which is a specific portion of an alpha helical region of human c-myc protein. This monoclonal antibody shows no cross-reaction with v-myc. c-myc is involved in the control of cell proliferation and differentiation and is amplified and/or overexpressed in a variety of tumors. Over-expression of c-myc protein occurs frequently in luminal cells of prostate intraepithelial neoplasia as well as in most primary carcinomas and metastatic disease.
<b>Immunogen</b>	A synthetic peptide, corresponding to aa 408-439 (AEEQKLISEEDLLRKREQLKHKLEQLRNSCA) from C-terminus of human c-Myc, coupled to KLH. (Uniprot: P01106)

**Product Application Details**

<b>Applications</b>	Flow Cytometry
<b>Recommended Dilutions</b>	Flow Cytometry
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at <a href="mailto:technical@novusbio.com">technical@novusbio.com</a> if you have any questions.





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## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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