

# Product Datasheet

## c-Myc Antibody (SPM237) [Alexa Fluor® 488] NBP2-86682AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-86682AF488**

c-Myc Antibody (SPM237) [Alexa Fluor® 488]

| Product Information     |   |
|-------------------------|---|
| Unit Size               | 0.1 ml  |
| Concentration           | Please see the vial label for concentration. If unlisted please contact technical services.   |
| Storage                 | Store at 4C in the dark.  |
| Clonality               | Monoclonal  |
| Clone                   | SPM237  |
| Preservative            | 0.05% Sodium Azide  |
| Isotype                 | IgG1 Kappa  |
| Conjugate               | Alexa Fluor 488   |
| Purity                  | Protein A or G purified   |
| Buffer                  | 50mM Sodium Borate  |
| Product Description     |   |
| Host                    | Mouse   |
| Gene ID                 | 4609  |
| Gene Symbol             | MYC   |
| Species                 | Human, Chicken (Negative), Mouse (Negative), Rat (Negative)   |
| Reactivity Notes        | Does not react with Mouse, Rat or Chicken.  |
| Specificity/Sensitivity | 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. |
| Immunogen               | A synthetic peptide, corresponding to aa 408-439 (AEEQKLISEEDLLRKRREQLKHKLEQLRNSCA) from C-terminus of human c-Myc, coupled to KLH. (Uniprot: P01106)   |



|              |  |
|--------------|--|
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|--------------|--|

| <b>Product Application Details</b> |   |
|------------------------------------|---|
| <b>Applications</b>                | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence |
| <b>Recommended Dilutions</b>       | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.  |



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### **Products Related to NBP2-86682AF488**

|                    |   |
|--------------------|---|
| IC002G             | Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 488] |
| H00004609-P01-10ug | Recombinant Human c-Myc GST (N-Term) Protein          |
| 210-TA-005         | TNF-alpha [Unconjugated]                              |
| NBL1-13414         | c-Myc Overexpression Lysate                           |

### **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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