

# Product Datasheet

## c-Myc Antibody (MYC275 + MYC909) [CoraFluor™ 1] NBP2-47739CL1

Unit Size: 0.1 ml

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

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**NBP2-47739CL1**

c-Myc Antibody (MYC275 + MYC909) [CoraFluor™ 1]

| 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. Do not freeze.  |
| Clonality                   | Monoclonal   |
| Clone                       | MYC275 + MYC909  |
| Preservative                | No Preservative  |
| Isotype                     | IgG1 Kappa   |
| Conjugate                   | CoraFluor 1  |
| Purity                      | Protein A or G purified  |
| Buffer                      | PBS  |
| Product Description         |  |
| Host                        | Mouse  |
| Gene ID                     | 4609   |
| Gene Symbol                 | MYC  |
| Species                     | Human  |
| Specificity/Sensitivity     | It recognizes a transcription factor of 64-67kDa, identified as c-myc. 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 over-expressed 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. Rearrangement of the MYC gene is found in 3% to 16% of diffuse large B-cell lymphoma (DLBCLs) and in nearly 100% of Burkitt lymphomas (BL). Identifying MYC status is important in establishing final diagnosis of DLBCL, BL, or B-cell lymphoma, with features intermediate between DLBCL and BL as well as in differential diagnoses of the lymphomas. |
| Immunogen                   | Recombinant human c-Myc protein (Uniprot: P01106)  |
| Notes                       | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254  |
| Product Application Details |  |
| Applications                | Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, CyTOF-ready, Immunofluorescence   |
| Recommended Dilutions       | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.   |





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### **Products Related to NBP2-47739CL1**

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|                    |  |
|--------------------|--|
| NBP1-43319CL1      | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [CoraFluor™ 1] |
| H00004609-P01-10ug | Recombinant Human c-Myc GST (N-Term) Protein                 |
| 236-EG-200         | EGF [Unconjugated]   |
| NBL1-13414         | c-Myc Overexpression Lysate                                  |

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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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