

# Product Datasheet

## c-Myc Antibody (MYC/7854R)

### NBP3-20492-100ug

Unit Size: 100 ug

Store at 4C. Do not freeze.

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**NBP3-20492-100ug**

c-Myc Antibody (MYC/7854R)

| Product Information |                             |
|---------------------|-----------------------------|
| Unit Size           | 100 ug                      |
| Concentration       | 0.2 mg/ml                   |
| Storage             | Store at 4C. Do not freeze. |
| Clonality           | Monoclonal                  |
| Clone               | MYC/7854R                   |
| Preservative        | 0.05% Sodium Azide          |
| Isotype             | IgG Kappa                   |
| Purity              | Protein A or G purified     |
| Buffer              | 10mM PBS with 0.05% BSA     |

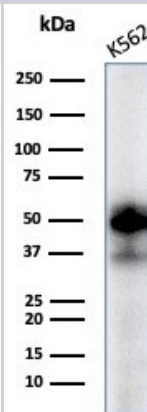
| Product Description     |  |
|-------------------------|--|
| Description             | <p>Positive Controls: HL-60 or K562 cells. Human cervical carcinoma or heart tissue.</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. Non-hazardous. No MSDS required.</p>  |
| Host                    | Rabbit   |
| Gene ID                 | 4609   |
| Gene Symbol             | MYC  |
| Species                 | Human  |
| 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. |
| Immunogen               | Recombinant fragment (around aa1-200) of human c-Myc protein (exact sequence is proprietary)   |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Immunohistochemistry-Paraffin  |
| Recommended Dilutions       | Western Blot 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml  |
| Application Notes           | <p>Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes. at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.</p> <p>Optimal dilution for a specific application should be determined.</p> |

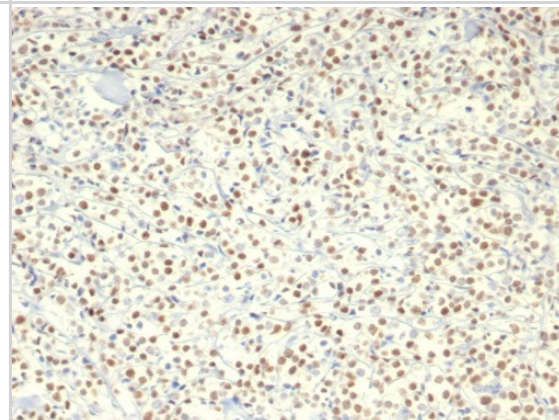


## Images

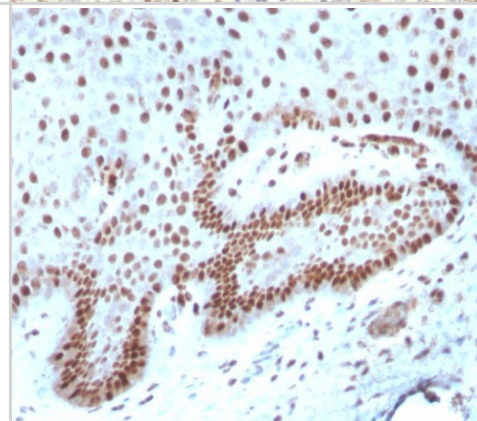
Western blot analysis of K562 cell lysate using c-Myc antibody (MYC/7854R).



Formalin-fixed, paraffin-embedded human lymphoma stained with c-Myc antibody (MYC/7854R). HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min.



Formalin-fixed, paraffin-embedded human cervix stained with c-Myc antibody (MYC/7854R). HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min.





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### **Products Related to NBP3-20492-100ug**

|                    |   |
|--------------------|---|
| HAF008             | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160             | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| H00004609-P01-10ug | Recombinant Human c-Myc GST (N-Term) Protein        |
| 210-TA-005         | TNF-alpha [Unconjugated]                            |

### **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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