

# Product Datasheet

## c-Myc Antibody (9E10.3) - Azide and BSA Free NBP2-47738-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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Updated 7/16/2024 v.20.1

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**NBP2-47738-0.1mg**

c-Myc Antibody (9E10.3) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	9E10.3
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	63 kDa
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-45144).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
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)
Product Application Details	
Applications	Simple Western, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence
Recommended Dilutions	Simple Western 50 ug/ml, Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1 - 2 ug/ml, Immunofluorescence 1 - 2 ug/ml, CyTOF-ready



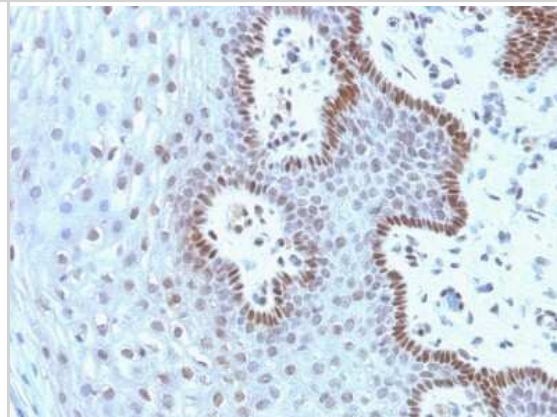
**Application Notes**

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. Optimal dilution for a specific application should be determined. In Simple Western only 10 - 15 ul of the recommended dilution is used per data point. Separated by Size.

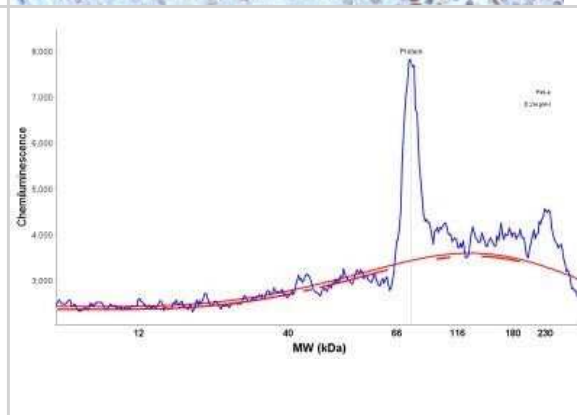


## Images

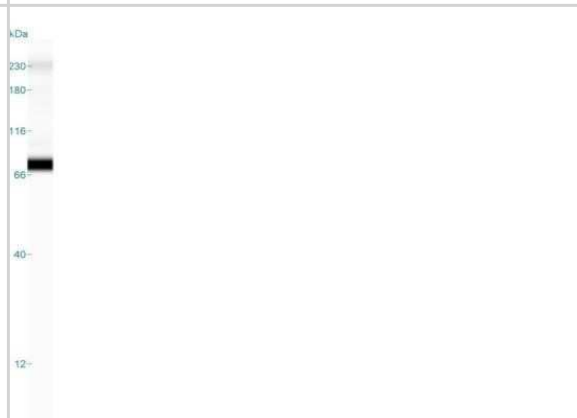
Immunohistochemistry-Paraffin: c-Myc Antibody (9E10.3) - Azide and BSA Free [NBP2-47738] - Human Cervical Carcinoma stained with c-myc Monoclonal Antibody (9E10.3).



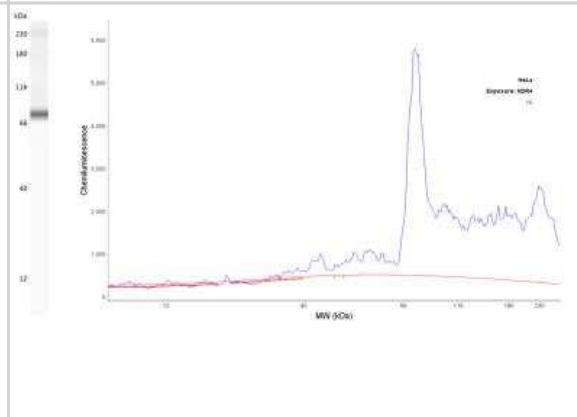
Simple Western: c-Myc Antibody (9E10.3) - Azide and BSA Free [NBP2-47738] - Electropherogram image of the corresponding Simple Western lane. c-Myc antibody was used at 50 ug/ml dilution of HeLa lysates(s) respectively.



Simple Western: c-Myc Antibody (9E10.3) - Azide and BSA Free [NBP2-47738] - Simple Western lane view shows a specific band for c-Myc in 0.2 mg/ml of HeLa lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: c-Myc Antibody (9E10.3) - Azide and BSA Free [NBP2-47738] - Lane view shows a specific band for c-Myc in 0.2 mg/mL of HeLa lysate and antibody at 20 ug/mL. Electropherogram image of corresponding Simple Western lane view at WES molecular weight of 74 kDa. Image reported by internal validation.





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### **Products Related to NBP2-47738-0.1mg**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00004609-P01-10ug	Recombinant Human c-Myc GST (N-Term) Protein

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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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