

# Product Datasheet

**c-Myc Antibody (9E10.3)**

**NBP2-45144-0.1mg**

Unit Size: 0.1 mg

Store at 4C.

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Updated 8/21/2025 v.20.1

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**NBP2-45144-0.1mg**

c-Myc Antibody (9E10.3)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	9E10.3
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	63 kDa

Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-47738)  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, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunofluorescence
Recommended Dilutions	Simple Western 50 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Immunofluorescence 1 - 2 ug/ml



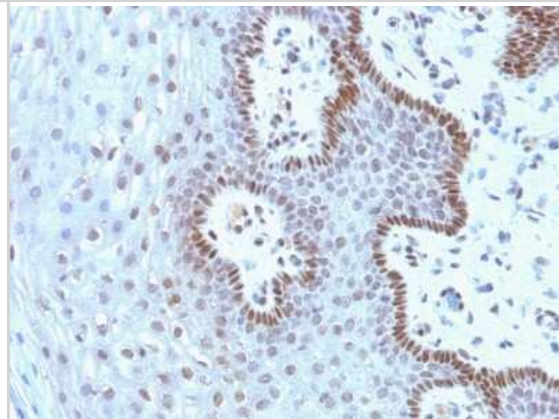
**Application Notes**

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. See [Simple Western Antibody Database](#) for Simple Western validation: Tested in HeLa lysate, separated by Size, antibody dilution of 50 ug/mL, apparent MW was 78 kDa.

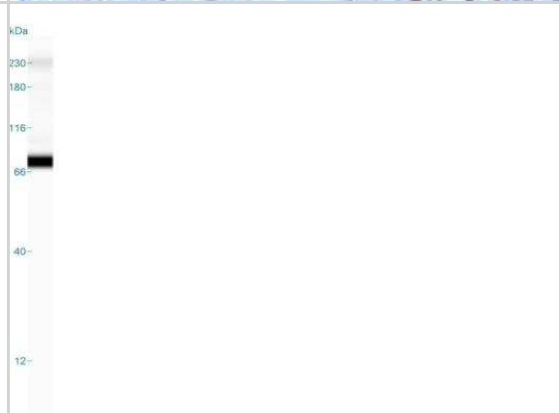


## Images

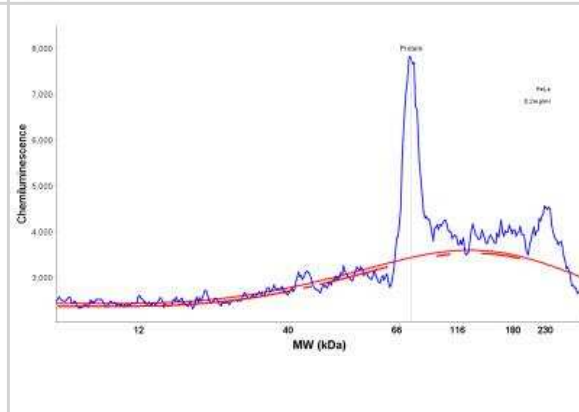
Immunohistochemistry-Paraffin: c-Myc Antibody (9E10.3) [NBP2-45144] - Human Cervical Carcinoma stained with c-myc Monoclonal Antibody (9E10.3).



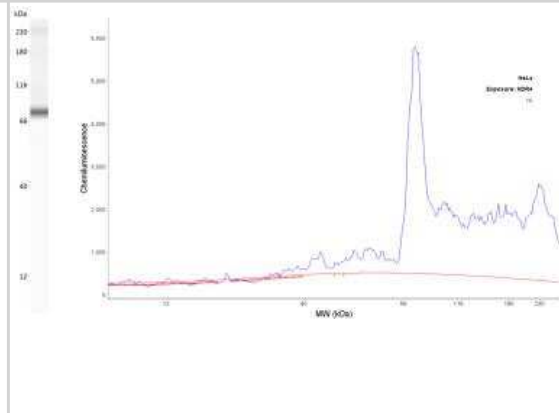
Simple Western: c-Myc Antibody (9E10.3) [NBP2-45144] - Simple Western lane view shows a specific band for c-Myc in 0.2 mg/ml of HeLa lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: c-Myc Antibody (9E10.3) [NBP2-45144] - 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) [NBP2-45144] - 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 NBP2-45144-0.1mg**

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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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