

# Product Datasheet

## c-Myc Antibody (9E10) - Azide and BSA Free NBP2-80675

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-80675**

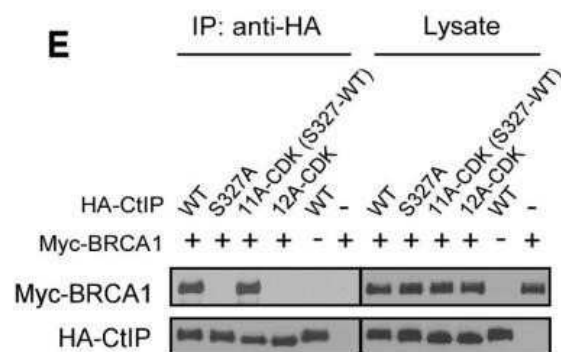
c-Myc Antibody (9E10) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	9E10
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	48.8 kDa
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	4609
<b>Gene Symbol</b>	MYC
<b>Species</b>	Human, Mouse, Bovine, Drosophila
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids 408-439 (AEEQKLISEEDLLRKRREQLKHKLEQLRNSCA) of human c-Myc Antibody (9E10) . [UniProt# P01106]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, ELISA, Flow Cytometry, Flow (Intracellular), Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Proximity Ligation Assay, Sandwich ELISA, Chromatin Immunoprecipitation (ChIP), CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 0.5-2.0 ug/ml, Simple Western 1:200, Flow Cytometry 1:50-1:200. Use reported in scientific literature (PMID 21315712), ELISA 1:100-1:2000, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:50-1:200, Immunohistochemistry-Frozen 1:50-1:200, Immunoblotting reported in scientific literature (PMID 23750001), Proximity Ligation Assay reported in scientific literature (PMID 33298911), Sandwich ELISA reported in scientific literature (PMID 33122198), Flow (Intracellular), Chromatin Immunoprecipitation (ChIP), CyTOF-ready

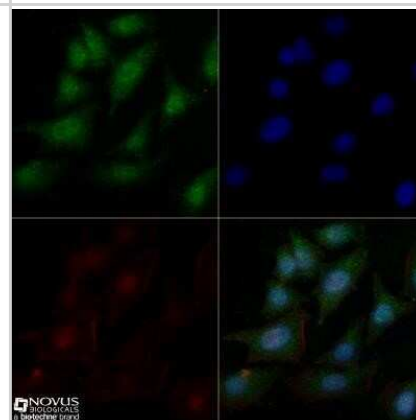


## Images

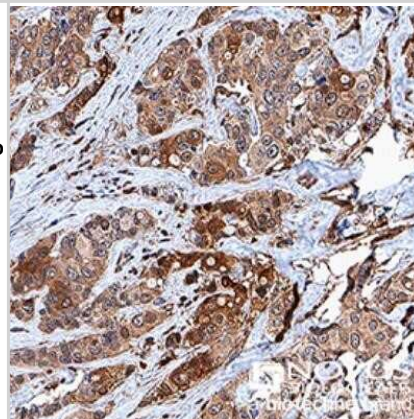
**Western Blot: c-Myc Antibody (9E10) - Azide and BSA Free [NBP2-80675] - CtIP is phosphorylated by CDKs at multiple sites. Myc-BRCA1 and/or HA-CtIP WT or indicated mutants were expressed in 293T cells and co-immunoprecipitation was performed. Image collected and cropped by CiteAb from the following publication ([//doi.org/10.1371/journal.pgen.1003277](https://doi.org/10.1371/journal.pgen.1003277)) licensed under a CC-BY license. Image from the standard format of this antibody.**



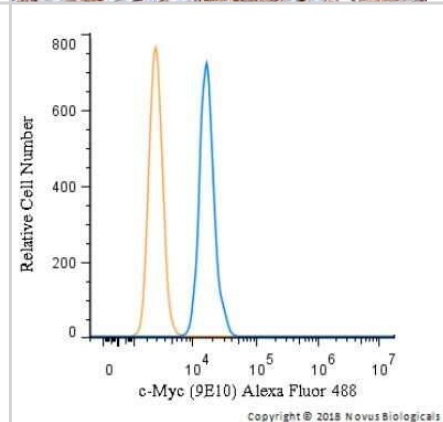
**Immunocytochemistry/Immunofluorescence: c-Myc Antibody (9E10) - Azide and BSA Free [NBP2-80675] - HeLa cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X TBS + 0.5% Triton-X100. The cells were incubated with anti-c-Myc (9E10) at 10 ug/ml overnight at 4C and detected with an anti-mouse Dylight 488 (Green) at a 1:500 dilution. Actin was detected with Phalloidin 568 (Red) at a 1:200 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective. Image from the standard format of this antibody.**



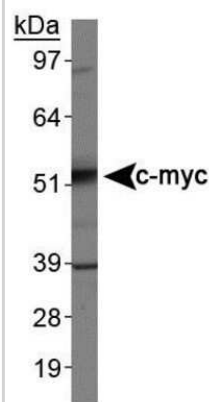
**Immunohistochemistry: c-Myc Antibody (9E10) - Azide and BSA Free [NBP2-80675] - c-Myc was detected in immersion fixed paraffin-embedded sections of human breast cancer using anti-human mouse monoclonal antibody (Catalog # NB600-302, clone 9E10) at 1:50 dilution overnight at 4 C. Tissue was stained using the VisuCyte anti-mouse HRP po**



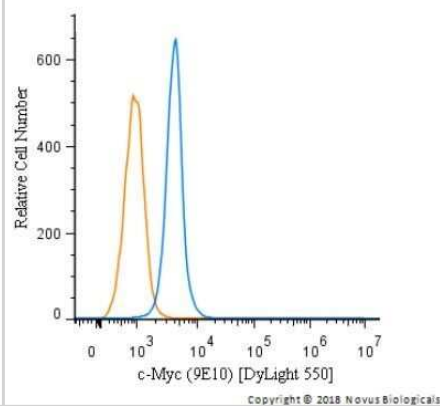
**Flow Cytometry: c-Myc Antibody (9E10) - Azide and BSA Free [NBP2-80675] - An intracellular stain was performed on U-937 cells with c-Myc Antibody (9E10) NB600-302AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 488.**



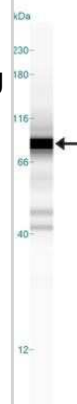
Western Blot: c-Myc Antibody (9E10) - Azide and BSA Free [NBP2-80675] - Analysis of c-myc in Jurkat cell lysates using NB600-302. Image from the standard format of this antibody.



Flow Cytometry: c-Myc Antibody (9E10) - Azide and BSA Free [NBP2-80675] - An intracellular stain was performed on Jurkat cells with c-Myc Antibody (9E10) NB600-302R (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to DyLight 550.



Simple Western: c-Myc Antibody (9E10) - Azide and BSA Free [NBP2-80675] - Simple Western lane view shows a specific band for c-Myc in 0.5 mg/ml of Jurkat lysate. This experiment as performed under reducing conditions using the 12-230 kDa separation system. Image from the standard format of this antibody.





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### **Products Related to NBP2-80675**

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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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