

# Product Datasheet

## n-Myc Antibody NB200-109SS

Unit Size: 0.025 ml

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

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### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB200-109](http://www.novusbio.com/NB200-109)

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**NB200-109SS**

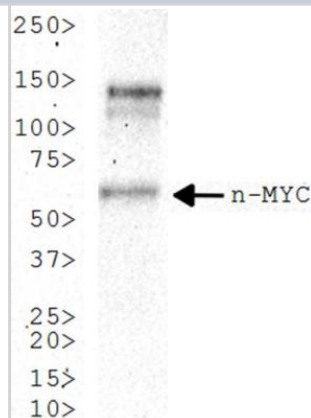
n-Myc Antibody (NMYC-1)

Product Information	
Unit Size	0.025 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	NMYC-1
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	Tris-glycine, 150 mM NaCl
Product Description	
Host	Mouse
Gene ID	4613
Gene Symbol	MYCN
Species	Human, Mouse
Species Reactivity	Human and mouse. Not yet tested in other species.
Specificity/Sensitivity	This does not react with c-Myc or L-Myc.
Immunogen	A synthetic peptide (SPYVESEDAPPQKC) conjugated to KLH, corresponding to amino acids 327-339 of human n-Myc. [UniProt# P04198]
Product Application Details	
Applications	Western Blot, Chromatin Immunoprecipitation, Gel Super Shift Assays, Immunoprecipitation
Recommended Dilutions	Chromatin Immunoprecipitation 1:10-1:500, Gel Super Shift Assays 1:1-1:100, Immunoprecipitation 1:10-1:100, Western Blot 1:500-1:1000
Application Notes	This n-Myc (NMYC-1) antibody is useful for Immunoprecipitation and Western Blot, where a band can be seen at approximately 50-65 kDa. This antibody has also been used for Chromatin Immunoprecipitation (PMID: 21068393) and Gel Super Shift Assays (PMID: 21068393).

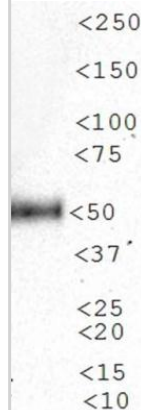


## Images

Western Blot: n-Myc Antibody (NMYC-1) [NB200-109] - Western blot analysis of n-Myc expression in IMR32 whole cell lysate.



Western Blot: n-Myc Antibody (NMYC-1) [NB200-109] - Western blot analysis of n-Myc expression in human heart tissue.



## Publications

Tasseva G, Cole L, Vance JE. N-Myc and SP regulate phosphatidylserine synthase-1 expression in brain and glial cells. *J Biol Chem* 286(2):1061-73. 2011 Jan 14. [PMID: 21068393]

## Procedures

### Western Blot Protocol for NB200-109: n-Myc Antibody (NMYC-1)

#### Western Blot Protocol

1. Perform SDS-PAGE on samples to be analyzed, loading 40 ug of total protein per lane.
  2. Transfer proteins to membrane according to the instructions provided by the manufacturer of the membrane and transfer apparatus.
  3. Stain according to standard Ponceau S procedure (or similar product) to assess transfer success, and mark molecular weight standards where appropriate.
  4. Rinse the blot.
  5. Block the membrane using standard blocking buffer for at least 1 hour.
  6. Wash the membrane in wash buffer three times for 10 minutes each.
  7. Dilute primary antibody in blocking buffer and incubate 1 hour at room temperature.
  8. Wash the membrane in wash buffer three times for 10 minutes each.
  9. Apply the diluted HRP conjugated secondary antibody in blocking buffer (as per manufacturers instructions) and incubate 1 hour at room temperature.
  10. Wash the blot in wash buffer three times for 10 minutes each (this step can be repeated as required to reduce background).
  11. Apply the detection reagent of choice in accordance with the manufacturers instructions.
- Note: Tween-20 can be added to the blocking or antibody dilution buffer at a final concentration of 0.05-0.2%.

\*The above information is only intended as a guide. The researcher should determine what protocol best meets their needs. Please follow safe laboratory procedures.





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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.

**For more information on our guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee).**

