

# Product Datasheet

## c-Myc [p Ser62] Antibody (ST49-08) NBP2-67535

Unit Size: 100 ul

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-67535](http://www.novusbio.com/NBP2-67535)

Updated 9/11/2024 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-67535](http://www.novusbio.com/reviews/destination/NBP2-67535)



**NBP2-67535**

c-Myc [p Ser62] Antibody (ST49-08)

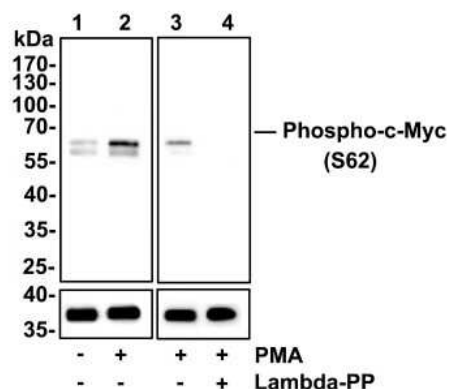
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ST49-08
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	57 kDa

Product Description	
Host	Rabbit
Gene ID	4609
Gene Symbol	MYC
Species	Human, Mouse, Rat
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Ser62 of Human c-Myc aa 46-87 / 439. (SwissProt: P01106 Human; SwissProt: P01108 Mouse; SwissProt: P09416 Rat)

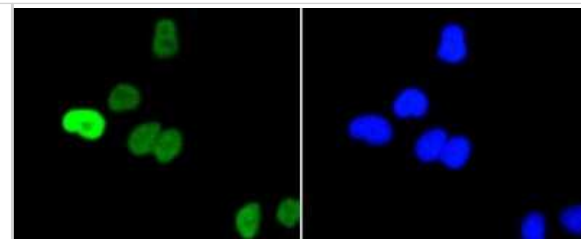
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

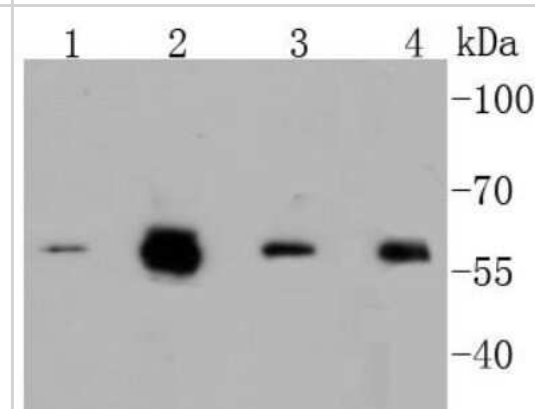
Western Blot: c-Myc [p Ser62] Antibody (ST49-08) [NBP2-67535] - Analysis of c-Myc [p Ser62] on Hela cell lysates. Lane 1: Hela cells, whole cell lysate, 10ug/lane Lane 2/3: Hela cells treated with 200 nM PMA for 10 minutes, whole cell lysates, 10ug/lane Lane 4: Hela cells treated with 200 nM PMA for 10 minutes, then treated with 2.8ug/ul lambda-PP for 30 minutes, whole cell lysates, 10ug/lane All lanes : Anti-c-Myc [p Ser62] antibody at 1:500 dilution. Anti-GAPDH antibody at 1:10,000 dilution. Goat Anti-Rabbit IgG H&L (HRP) at 1/200,000 dilution. Predicted band size: 57 kDa Observed band size: 60 kDa Blocking and diluting buffer: 5% BSA. Exposure time: 3 minutes



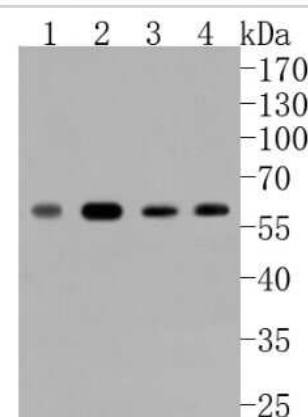
Immunocytochemistry/Immunofluorescence: c-Myc [p Ser62] Antibody (ST49-08) [NBP2-67535] - Staining Phospho-c-Myc(S62) in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



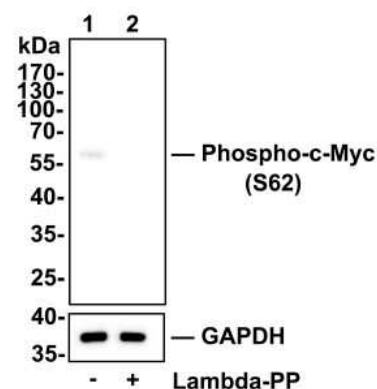
Western Blot: c-Myc [p Ser62] Antibody (ST49-08) [NBP2-67535] - Analysis of Phospho-c-Myc(S62) on different lysates using anti-Phospho-c-Myc(S62) antibody at 1/1,000 dilution. Positive control: Lane 1: A549 Lane 2: HCT116 Lane 3: Hela Lane 4: HepG2



Western Blot: c-Myc [p Ser62] Antibody (ST49-08) [NBP2-67535] - Western blot analysis of c-Myc on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rab



Western Blot: c-Myc [p Ser62] Antibody (ST49-08) [NBP2-67535] - Analysis of c-Myc [p Ser62] on HepG2 cell lysates. Lane 1: HepG2 cells, whole cell lysate, 10ug/lane Lane 2: HepG2 cells treated with 2.8ug/ul lambda-PP for 30 minutes, whole cell lysates, 10ug/lane All lanes : Anti-c-Myc [p Ser62] antibody at 1:500 dilution. Anti-GAPDH antibody at 1:10,000 dilution. Goat Anti-Rabbit IgG H&L (HRP) at 1/200,000 dilution. Predicted band size: 49 kDa Observed band size: 57 kDa Blocking and diluting buffer: 5% BSA. Exposure time: 3 minutes





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **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 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-67535](http://www.novusbio.com/reviews/submit/NBP2-67535)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

