

# Product Datasheet

## SUMO2/3 Antibody (6R8G7)

### NBP3-16540-100ul

Unit Size: 100 ul

Store at -20C. 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/NBP3-16540](http://www.novusbio.com/NBP3-16540)

Updated 11/7/2023 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/NBP3-16540](http://www.novusbio.com/reviews/destination/NBP3-16540)



**NBP3-16540-100ul**

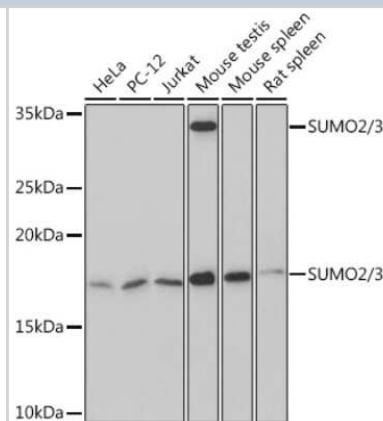
SUMO2/3 Antibody (6R8G7)

| Product Information         |                                                                                                                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ul                                                                                                                                                                                                    |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                               |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                  |
| Clonality                   | Monoclonal                                                                                                                                                                                                |
| Clone                       | 6R8G7                                                                                                                                                                                                     |
| Preservative                | 0.02% Sodium Azide                                                                                                                                                                                        |
| Isotype                     | IgG                                                                                                                                                                                                       |
| Purity                      | Affinity purified                                                                                                                                                                                         |
| Buffer                      | PBS, 0.05% BSA, 50% glycerol, pH7.3                                                                                                                                                                       |
| Product Description         |                                                                                                                                                                                                           |
| Host                        | Rabbit                                                                                                                                                                                                    |
| Gene ID                     | 6613                                                                                                                                                                                                      |
| Gene Symbol                 | SUMO2                                                                                                                                                                                                     |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                         |
| Immunogen                   | A synthetic peptide corresponding to a sequence within amino acids 1-95 of human SUMO2/3 (P61956).<br>MADEKPKEGVKTENNDHINLKVAGQDGSVVQFKIKRHTPLSKLMKAYCERQGL<br>SMRQIRFRFDGQPINETDTPAQLEMEDEDTIDVFQQQTGGVY |
| Product Application Details |                                                                                                                                                                                                           |
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                                |
| Recommended Dilutions       | Western Blot 1:100 - 1:500, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin                                                        |

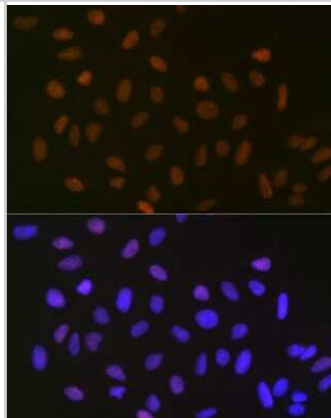


## Images

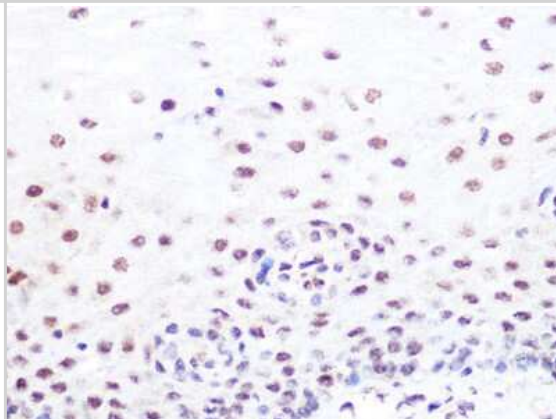
**Western Blot: SUMO2/3 Antibody (6R8G7) [NBP3-16540]** - Western blot analysis of extracts of various cell lines, using SUMO2/3 Rabbit mAb (NBP3-16540) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



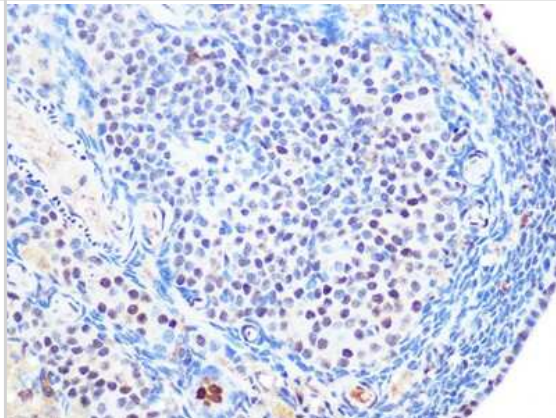
**Immunocytochemistry/Immunofluorescence: SUMO2/3 Antibody (6R8G7) [NBP3-16540]** - Immunofluorescence analysis of U-2 OS cells using SUMO2/3 Rabbit mAb (NBP3-16540) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



**Immunohistochemistry-Paraffin: SUMO2/3 Antibody (6R8G7) [NBP3-16540]** - Immunohistochemistry of paraffin-embedded human esophageal using SUMO2/3 Rabbit mAb (NBP3-16540) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



**Immunohistochemistry-Paraffin: SUMO2/3 Antibody (6R8G7) [NBP3-16540]** - Immunohistochemistry of paraffin-embedded rat ovary using SUMO2/3 Rabbit mAb (NBP3-16540) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.





### **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)

### **Products Related to NBP3-16540-100ul**

---

|            |                                                     |
|------------|-----------------------------------------------------|
| HAF008     | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160     | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control                          |
| NB200-103  | p53 Antibody (PAb 240) - BSA Free                   |

---

### **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/NBP3-16540](http://www.novusbio.com/reviews/submit/NBP3-16540)

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

