

# Product Datasheet

## CD44 Antibody (CL13319)

### NBP3-18578-100ul

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/NBP3-18578](http://www.novusbio.com/NBP3-18578)

Updated 2/27/2025 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/NBP3-18578](http://www.novusbio.com/reviews/destination/NBP3-18578)



**NBP3-18578-100ul**

CD44 Antibody (CL13319)

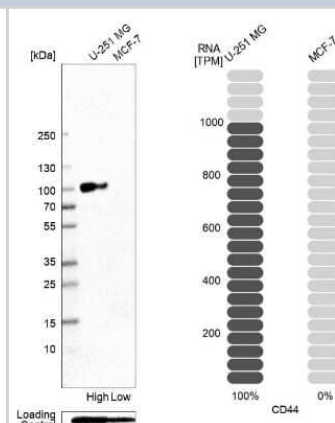
| Product Information |  |
|---------------------|--|
| Unit Size           | 100 ul   |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| Clonality           | Monoclonal   |
| Clone               | CL13319  |
| Preservative        | 0.02% Sodium Azide   |
| Isotype             | IgG3   |
| Purity              | Protein A purified   |
| Buffer              | PBS, pH 7.2, 40% glycerol  |

| Product Description |   |
|---------------------|---|
| Host                | Mouse   |
| Gene ID             | 960   |
| Gene Symbol         | CD44  |
| Species             | Human   |
| Immunogen           | This antibody was developed using a synthetic peptide derived from P16070, with the exact immunogen sequence remaining proprietary. |

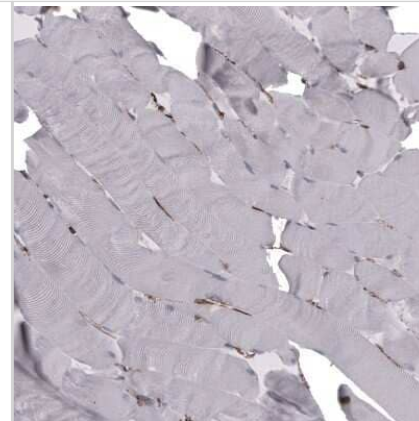
| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin   |
| Recommended Dilutions       | Western Blot 1 ug/ml, Immunohistochemistry 1:5000 - 1:10000, Immunohistochemistry-Paraffin 1:5000 - 1:10000 |
| Application Notes           | For use with IHC-Paraffin, HIER pH 6 retrieval is recommended.  |

**Images**

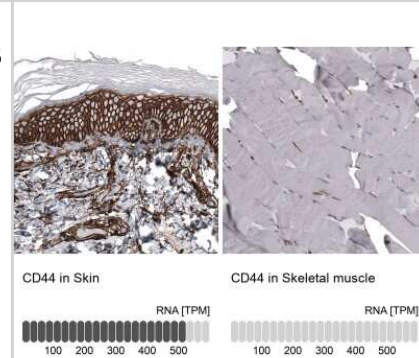
Western Blot: CD44 Antibody (CL13318) [NBP3-18578] - Analysis in human cell line U-251 MG and human cell line MCF-7.



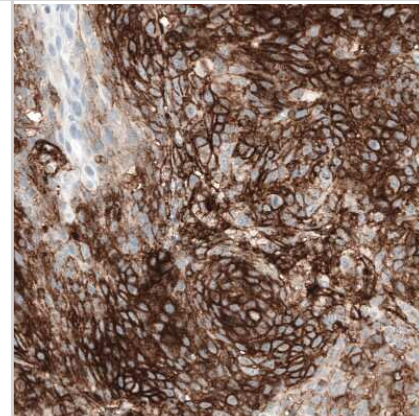
Immunohistochemistry-Paraffin: CD44 Antibody (CL13318) [NBP3-18578] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



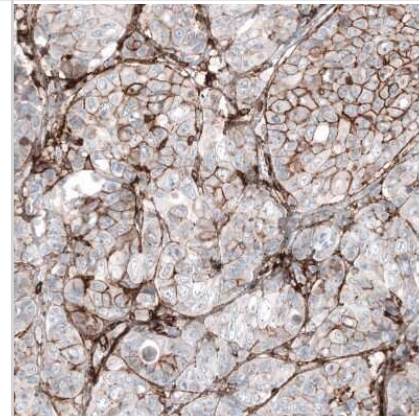
Immunohistochemistry-Paraffin: CD44 Antibody (CL13318) [NBP3-18578] - Analysis in human skin and skeletal muscle tissues using NBP3-18578 antibody. Corresponding CD44 RNA-seq data are presented for the same tissues.



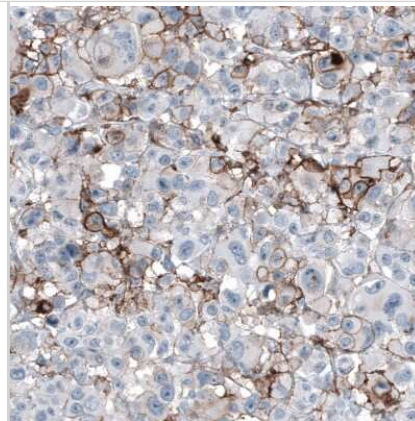
Immunohistochemistry-Paraffin: CD44 Antibody (CL13318) [NBP3-18578] - Staining of human cervical cancer shows strong membranous positivity in tumor cells.



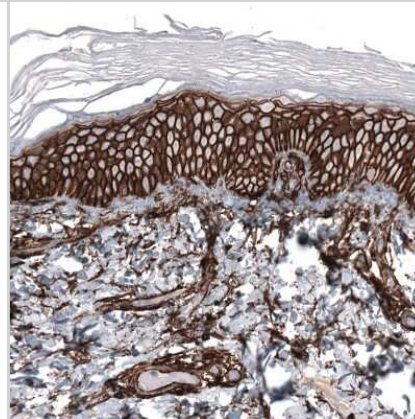
Immunohistochemistry-Paraffin: CD44 Antibody (CL13318) [NBP3-18578] - Staining of human breast cancer (metastasis to ovary) shows moderate membranous positivity in tumor cells.



Immunohistochemistry-Paraffin: CD44 Antibody (CL13318) [NBP3-18578] - Staining of human malignant melanoma shows moderate membranous positivity in tumor cells.



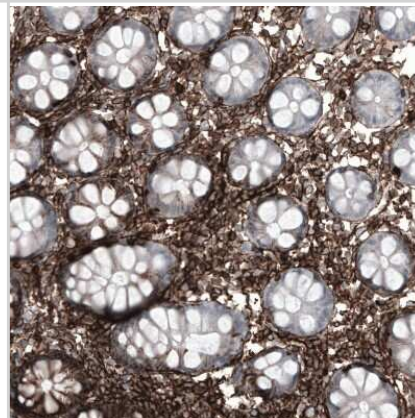
Immunohistochemistry-Paraffin: CD44 Antibody (CL13318) [NBP3-18578] - Staining of human skin shows strong membranous positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: CD44 Antibody (CL13318) [NBP3-18578] - Staining of human tonsil shows strong membranous positivity in non-germinal center cells.



Immunohistochemistry-Paraffin: CD44 Antibody (CL13318) [NBP3-18578] - Staining of human colon shows strong membranous positivity in lymphoid cells.







### **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  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP3-18578-100ul**

---

|               |   |
|---------------|---|
| HAF007        | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B       | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96777    | Mouse IgG3 Isotype Control (MG3)                        |
| NBP1-84578PEP | CD44 Recombinant Protein Antigen                        |

---

### **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/NBP3-18578](http://www.novusbio.com/reviews/submit/NBP3-18578)

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

