

# Product Datasheet

## Decorin Antibody (DCN/7031R) [PerCP] NBP3-14026PCP

Unit Size: 0.1 ml

Store at 4C in the dark.

[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/NBP3-14026PCP](http://www.novusbio.com/NBP3-14026PCP)

Updated 11/11/2023 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/NBP3-14026PCP](http://www.novusbio.com/reviews/destination/NBP3-14026PCP)



**NBP3-14026PCP**

Decorin Antibody (DCN/7031R) [PerCP]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	DCN/7031R
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG Kappa
<b>Conjugate</b>	PerCP
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	1634
<b>Gene Symbol</b>	DCN
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	Decorin is a small leucine-rich proteoglycan (SLRP) family member that consists of a glycosaminoglycan chain-containing core protein. The core protein contains ten leucine rich repeats that contain sites for glycosylation, flanked by disulfide bond stabilizing loops. Decorin binds to Collagen Type I, II and IV in vivo and promotes the formation of fibers with variations in stability and solubility. The Decorin core protein binds to growth factors, intercellular matrix molecules, such as Fibronectin and Thrombospondin, and to the Decorin endocytosis receptor. Decorin binds to and inhibits TGF may contribute to cartilage destruction that is characteristic of inflammatory joint diseases. For immunostaining, pre-incubation with chondroitinase-SBC or testicular hyaluronidase may be required to expose the epitope.
<b>Immunogen</b>	Recombinant human Decorin protein fragment (around aa212-336) (exact sequence is proprietary) (Uniprot: P07585)
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry-Paraffin
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



### **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 NBP3-14026PCP**

---

NBP1-84970PEP	Decorin Recombinant Protein Antigen
DY143	Decorin [Biotin]
AF808	Osteopontin/OPN Antibody [Unconjugated]
NBP1-91258	Fibronectin Antibody - 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/NBP3-14026PCP](http://www.novusbio.com/reviews/submit/NBP3-14026PCP)

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

