

# Product Datasheet

## Collagen II Antibody (2) - BSA Free NBP1-05169

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)

**Reviews: 1 Publications: 3**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-05169](http://www.novusbio.com/NBP1-05169)

Updated 9/9/2025 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/NBP1-05169](http://www.novusbio.com/reviews/destination/NBP1-05169)



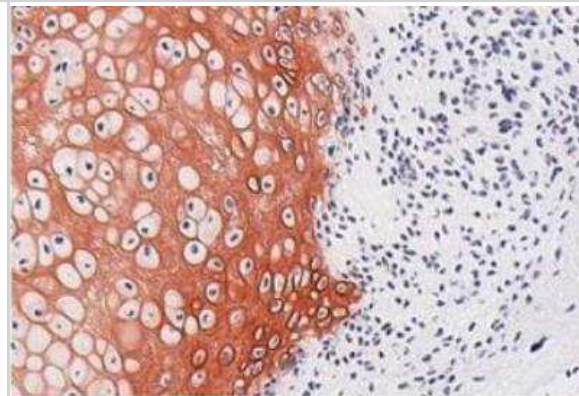
**NBP1-05169**

Collagen II Antibody (2) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	2
Preservative	0.09% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10mM Phosphate (pH 7.4) and 0.5M NaCl
Product Description	
Description	Novus Biologicals Mouse Collagen II Antibody (2) - BSA Free (NBP1-05169) is a monoclonal antibody validated for use in IHC and ELISA. Anti-Collagen II Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1280
Gene Symbol	COL2A1
Species	Human
Specificity/Sensitivity	Procollagen type IIA N-terminal propeptide
Immunogen	Recombinant expressed PIIANP
Product Application Details	
Applications	Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry
Recommended Dilutions	ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:1000
Application Notes	ELISA: NBP1-05169 also reacts with recombinant PIIANP coated directly onto the microtiter well. IHC: NBP1-05169 diluted in 10%FCS/TBS is well suited for immunohistochemistry on formalin-fixed, paraffin-embedded fetal tissue. Use in Canine reported by customer review.

## Images

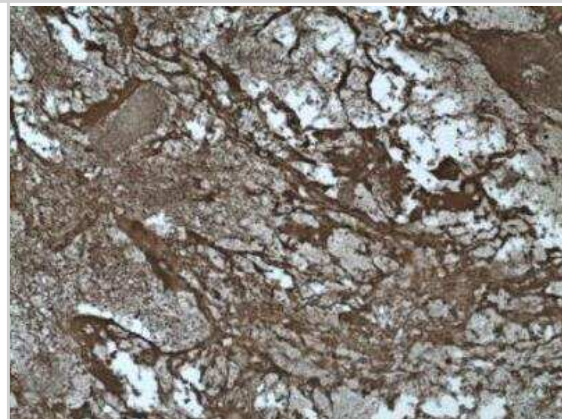
Immunohistochemistry-Paraffin: Procollagen Type 2A Antibody (003-02) [NBP1-05169] - Staining of a formalin-fixed, paraffin-embedded biopsy from a chondroblastoma, showing specific staining of tumor cells with NBP1-05169 developed with peroxidase-labeled goat anti-mouse Ig (blue color).



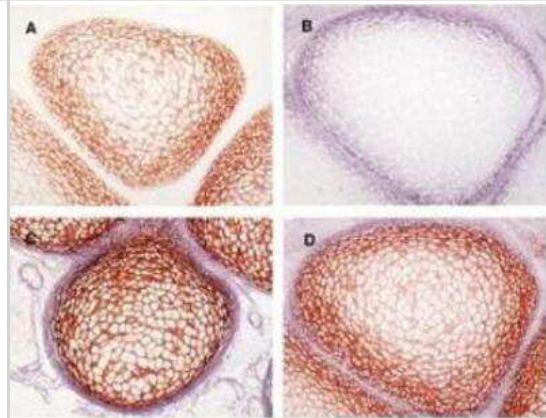
Immunohistochemistry: Collagen II Antibody (003-02) - BSA Free [NBP1-05169] - Procollagen Type 2A Antibody (003-02) [NBP1-05169] - Positive stain of Canine Chondrocytes incubated overnight at room temperature at 1:100 dilution. Image courtesy of Dragana Ponjevic, Dr. Matyas Laboratory, University of Calgary.



Immunohistochemistry: Procollagen Type 2A Antibody (003-02) [NBP1-05169] - Human chondrocytes stained with NBP1-05169 overnight at room temperature, 1:100 dilution. Image courtesy of Dragana Ponjevic, Dr. Matyas Laboratory, University of Calgary.



Immunohistochemistry-Paraffin: Procollagen Type 2A Antibody (003-02) [NBP1-05169] - Staining of a formalin-fixed, paraffin-embedded fetal bone anlage in the hand (around week 10).



## Publications

Maeda S, Matsumoto M, Segawa K et Al. Development of scaffold-free tissue-engineered constructs derived from mesenchymal stem cells with serum-free media for cartilage repair and long-term preservation Cytotechnology 2024-10-01 [PMID: 39188648]

Maeda S, matsumoto m, Segawa K et al. Development of scaffold-free tissue-engineered constructs with serum-free media from mesenchymal stem cell-derived cells for cartilage repair and long-term preservation Research Square 2023-10-31 (IHC)

Zhang J, Sun J, Chen D et al. Suppression of matrix degradation and amelioration of disc degeneration by a 970-nm diode laser via inhibition of the p38 MAPK pathway in a rabbit model Lasers in medical science 2023-01-31 [PMID: 36717466]





### **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 NBP1-05169**

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-97243	Collagen II Native Protein

---

### **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/NBP1-05169](http://www.novusbio.com/reviews/submit/NBP1-05169)

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

