

Product Datasheet

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

Unit Size: 0.1 ml

Store at 4C in the dark.

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Reviews: 1 Publications: 2

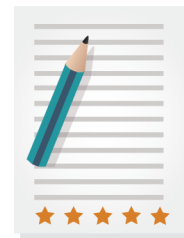
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Updated 10/23/2024 v.20.1

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NBP1-05169

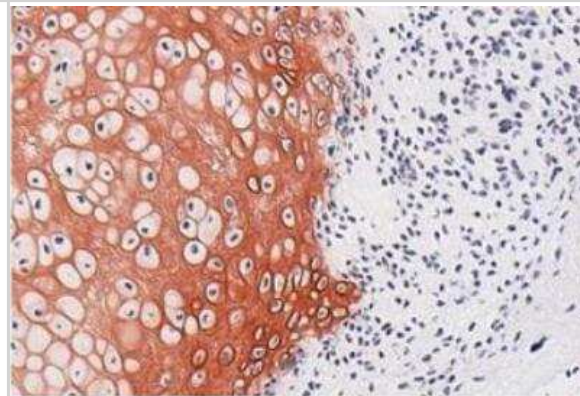
Collagen II Antibody (2) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	2
Preservative	0.9% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10mM Phosphate (pH 7.4) and 0.5M NaCl
Product Description	
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	ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
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).



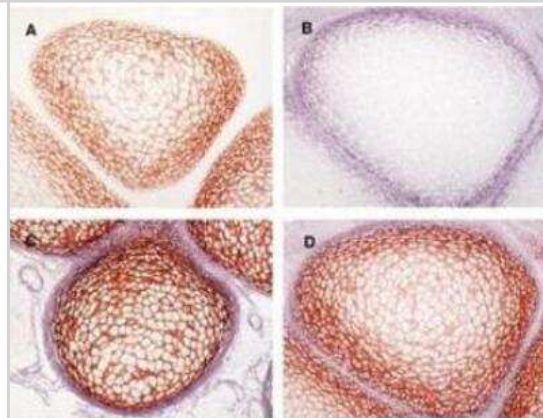
Immunohistochemistry: Collagen II Antibody (003-02) - BSA Free [NBP1-05169] - Procollagen Type 2A Antibody (003-02) [NBP1-05169] - Positive stain of Canine Chondrocytes incubated overnight at room temperature at 1:100 dilution. Image courtesy of Dragana Ponjevic, Dr. Matyas Laboratory, University of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





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Products Related to NBP1-05169

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
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.

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