

## Datasheet: 132001

<b>Description:</b>	GOAT ANTI BOVINE COLLAGEN II
<b>Specificity:</b>	COLLAGEN II
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.2 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen			■	
ELISA	■			1/1000 - 1/4000
Immunofluorescence			■	
Immunoblotting			■	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Bovine
<b>Species Cross Reactivity</b>	Based on sequence similarity, is expected to react with: Human <b>N.B.</b> Antibody reactivity and working conditions may vary between species.
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antiserum to bovine collagen II was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	Borate buffered saline
<b>Preservative Stabilisers</b>	None present
<b>Approx. Protein Concentrations</b>	IgG concentration 0.4 mg/ml
<b>Immunogen</b>	Bovine type II collagen.
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P02459</a> <a href="#">Related reagents</a>

**Entrez Gene:**[407142](#) COL2A1 [Related reagents](#)

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**RRID** AB\_2082177

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**Specificity** **Goat anti Bovine Collagen II antibody** recognizes [bovine type II collagen](#).  
This antibody demonstrates less than 10% cross reactivity with bovine collagen types I, III, IV, V and VI.  
This antibody has not been tested for reactivity with other ECM proteins e.g. laminin and fibronectin.  
  
Goat anti Bovine Collagen II antibody may cross-react with collagen II from other species.

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**Storage** Store at -20°C only.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee** Guaranteed until date of expiry. Please see product label.

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**Health And Safety Information** Material Safety Datasheet documentation #10123 available at:  
10123: <https://www.bio-rad-antibodies.com/uploads/MSDS/10123.pdf>

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)**North & South America** Tel: +1 800 265 7376  
Fax: +1 919 878 3751  
Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)**Worldwide** Tel: +44 (0)1865 852 700  
Fax: +44 (0)1865 852 739  
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