

Datasheet: 132001

**BATCH NUMBER 168850**

<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.

### Target Species

Bovine

### Species Cross Reactivity

Based on sequence similarity, is expected to react with: Human  
**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG - liquid

### Antiserum Preparation

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.

### Buffer Solution

Borate buffered saline

### Preservative

None present

## Stabilisers

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**Approx. Protein Concentrations** IgG concentration 0.4 mg/ml

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**Immunogen** Bovine type II collagen.

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## External Database Links

**UniProt:**  
[P02459](#)    [Related reagents](#)

**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 for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.

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**Health And Safety Information** Material Safety Datasheet documentation #10123 available at:  
<https://www.bio-rad-antibodies.com/SDS/132001>  
10123

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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](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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