

Datasheet: 2150-2305

**BATCH NUMBER 172075**

<b>Description:</b>	RABBIT ANTI BOVINE COLLAGEN I/III
<b>Specificity:</b>	COLLAGEN I/III
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.5 ml

## 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
ELISA	▪			1/2,000 - 1/8,000
Immunofluorescence	▪			1/10 - 1/40

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 the appropriate negative/positive controls.

<b>Target Species</b>	Bovine
<b>Product Form</b>	Purified IgG - lyophilized
<b>Reconstitution</b>	Use 500 µl sterile distilled water or saline.
<b>Preparation</b>	Affinity chromatography on immobilized collagen I and III
<b>Buffer Solution</b>	0.1M Sodium Chloride 0.01M Sodium Phosphate 0.01M Sodium Borate
<b>Preservative Stabilisers</b>	1% Mannitol 1% Dextran
<b>Immunogen</b>	Bovine collagen type I and III from skin.

**External Database  
Links**

**UniProt:**

[P02453](#)    [Related reagents](#)  
[P02465](#)    [Related reagents](#)  
[P04258](#)    [Related reagents](#)

**Entrez Gene:**

[282187](#) COL1A1    [Related reagents](#)  
[282188](#) COL1A2    [Related reagents](#)  
[510833](#) COL3A1    [Related reagents](#)

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**RRID**                    AB\_616926

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**Specificity**            **Rabbit anti Bovine collagen I/III antibody** reacts with both Collagen I and III. Less than 0.5% reactivity was observed with bovine albumin and immunoglobulins.

Collagen is located in the extracellular matrix of connective tissues. It is part of the interacting network of proteoglycans and proteins that provides a structural framework for both soft and calcified connective tissues.

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**Storage**                This product is shipped at ambient temperature.  
Prior to reconstitution store at +4°C.  
After reconstitution store at -20°C.  
Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody.

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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 #20482 available at:  
<https://www.bio-rad-antibodies.com/SDS/2150-2305>

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**Regulatory**             For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)  
Sheep Anti Rabbit IgG (STAR35...)    [RPE](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

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

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