

Datasheet: 2150-2305

BATCH NUMBER 172153

Description:	RABBIT ANTI BOVINE COLLAGEN I/III
Specificity:	COLLAGEN I/III
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

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

RRID AB_616926

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.

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.

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

**Health And Safety
Information** Material Safety Datasheet documentation #20482 available at:
<https://www.bio-rad-antibodies.com/SDS/2150-2305>

Regulatory For research purposes only

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

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

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