

Datasheet: 2150-2305

BATCH NUMBER 165645

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

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>
20482

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

**North & South
America**

Tel: +1 800 265 7376
Fax: +1 919 878 3751
Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739
Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50
Email: antibody_sales_de@bio-rad.com

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