

Datasheet: 132001

Description:	GOAT ANTI BOVINE COLLAGEN II
Specificity:	COLLAGEN II
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.
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 Stabilisers	None present
Approx. Protein Concentrations	IgG concentration 0.4 mg/ml
Immunogen	Bovine type II collagen
External Database Links	UniProt: P02459 Related reagents

Entrez Gene:

[407142](#) COL2A1 [Related reagents](#)

Specificity	<p>Goat anti Bovine Collagen II 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.</p> <p>This antibody may cross-react with collagen II from other species.</p>
Storage	<p>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.</p>
Shelf Life	<p>Please see label for expiry date</p>
Health And Safety Information	<p>Material Safety Datasheet Documentation #10123 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10123.pdf</p>
Regulatory	<p>For research purposes only</p>

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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Printed on 06 Jun 2017