

## Datasheet: 133001

<b>Description:</b>	GOAT ANTI HUMAN COLLAGEN III
<b>Specificity:</b>	COLLAGEN III
<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	▪			1:10 - 1:20
ELISA	▪			
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.

<b>Target Species</b>	Human
<b>Product Form</b>	Ig Fraction - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on type III collagen covalently linked to agarose
<b>Buffer Solution</b>	Borate buffered saline
<b>Preservative Stabilisers</b>	None present
<b>Approx. Protein Concentrations</b>	0.4 mg/ml
<b>Immunogen</b>	Native Human Collagen III.
<b>External Database</b>	<b>UniProt:</b>

**Links**

[P02461](#) [Related reagents](#)

**Entrez Gene:**

[1281](#) COL3A1 [Related reagents](#)

**RRID**

AB\_620009

**Specificity**

**Goat anti Human Collagen III antibody** recognizes human collagen III and shows <10% cross-reactivity with collagen type I, II, IV, V and VI. Reactivity with other ECM proteins such as fibronectin and laminin has not been tested. Goat anti Human Collagen III antibody may react with Collagen III from other species.

**References**

1. Roman, S. *et al.* (2016) Evaluating Alternative Materials for the Treatment of Stress Urinary Incontinence and Pelvic Organ Prolapse: A Comparison of the *In Vivo* Response to Meshes Implanted in Rabbits. [J Urol. 196 \(1\): 261-9.](#)
2. Mangır, N. *et al.* (2019) Oestradiol-releasing Biodegradable Mesh Stimulates Collagen Production and Angiogenesis: An Approach to Improving Biomaterial Integration in Pelvic Floor Repair. [Eur Urol Focus. 5 \(2\): 280-9.](#)
3. Segreto, F. *et al.* (2020) The use of acellular porcine dermis, hyaluronic acid and polynucleotides in the treatment of cutaneous ulcers: Single blind randomised clinical trial. [Int Wound J. 17 \(6\): 1702-8.](#)

**Storage**

Store at -20°C only.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

**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.

**Health And Safety Information**

Material Safety Datasheet documentation #10123 available at:  
<https://www.bio-rad-antibodies.com/SDS/133001>  
10123

**Regulatory**

For research purposes only

## 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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