

## Datasheet: 131008

<b>Description:</b>	GOAT ANTI HUMAN COLLAGEN I:Biotin
<b>Specificity:</b>	COLLAGEN I
<b>Format:</b>	Biotin
<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
Flow Cytometry			■	
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA	■			1/200 - 1/2000
Immunoprecipitation			■	
Western Blotting			■	

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG conjugated to Biotin - liquid
<b>Antiserum Preparation</b>	Antisera to human type 1 collagen were raised by repeated immunisations of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	Ig concentration 0.4 mg/ml
<b>Immunogen</b>	Human type 1 collagen.
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P02452</a> <a href="#">Related reagents</a> <a href="#">P08123</a> <a href="#">Related reagents</a>

**Entrez Gene:**[1277](#) COL1A1 [Related reagents](#)[1278](#) COL1A2 [Related reagents](#)

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<b>Specificity</b>	<b>Goat anti Human collagen I antibody</b> recognizes human type 1 collagen.  Goat anti Human collagen I antibody has been cross-adsorbed against collagen types II, III, IV, V and VI. Results from ELISA demonstrate <10% cross-reactivity with other collagen types.
<b>Storage</b>	Store at +4°C or at -20°C if preferred. 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.
<b>Shelf Life</b>	12 months from date of despatch.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10303 available at: 10303: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10303.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10303.pdf</a>
<b>Regulatory</b>	For research purposes only

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