

Datasheet: 2150-2206

Description:	RABBIT ANTI HUMAN COLLAGEN I/II/III/IV/V
Specificity:	COLLAGEN I/II/III/IV/V
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

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	▪			1/10 - 1/40
Immunohistology - Paraffin			▪	
ELISA	▪			1/2000 - 1/8000
Western Blotting			▪	
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	Human
Product Form	Purified IgG - liquid
Preparation	Purified Ig prepared by affinity chromatography on immobilized collagen types I-V
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Mannitol 0.1% Dextran 0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1 mg/ml
Immunogen	A mixture of human collagen I, II, III, IV and V from human placenta.

External Database**Links****UniProt:**

[P02452](#) [Related reagents](#)
[P08123](#) [Related reagents](#)
[P02458](#) [Related reagents](#)
[P02461](#) [Related reagents](#)
[P02462](#) [Related reagents](#)
[P08572](#) [Related reagents](#)
[Q01955](#) [Related reagents](#)
[P53420](#) [Related reagents](#)
[P29400](#) [Related reagents](#)
[Q14031](#) [Related reagents](#)
[P20908](#) [Related reagents](#)
[P05997](#) [Related reagents](#)
[P25940](#) [Related reagents](#)

Entrez Gene:

[1277](#) COL1A1 [Related reagents](#)
[1278](#) COL1A2 [Related reagents](#)
[1280](#) COL2A1 [Related reagents](#)
[1281](#) COL3A1 [Related reagents](#)
[1282](#) COL4A1 [Related reagents](#)
[1284](#) COL4A2 [Related reagents](#)
[1285](#) COL4A3 [Related reagents](#)
[1286](#) COL4A4 [Related reagents](#)
[1287](#) COL4A5 [Related reagents](#)
[1288](#) COL4A6 [Related reagents](#)
[1289](#) COL5A1 [Related reagents](#)
[1290](#) COL5A2 [Related reagents](#)
[50509](#) COL5A3 [Related reagents](#)

RRID

AB_620306

Specificity

Rabbit anti Human collagen I/II/III/IV/V antibody recognizes multiple collagen types and exhibits the following reactivities in ELISA with both native and denatured human collagen types:

I & III 100%
IV & V 90%
II 80%

Human fibronectin, albumin and immunoglobulins all <0.5%

Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for

short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #10046 available at: https://www.bio-rad-antibodies.com/SDS/2150-2206 10046
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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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
'M382484:210513'

Printed on 25 Mar 2023