

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	0.1% Mannitol
Stabilisers	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](#)

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 denaturated human collagen types:

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

Human fibronectin, albumin and immunoglobulins all <0.5%

Storage 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.

Shelf Life 18 months from date of despatch.

Health And Safety Information Material Safety Datasheet documentation available at:
Material Safety Datasheet Documentation #10046 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10046.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@549](#), [DyLight@649](#),
[DyLight@680](#), [DyLight@800](#)

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