

Datasheet: 2150-2210

Description:	RABBIT ANTI HUMAN COLLAGEN I/III
Specificity:	COLLAGEN I/III
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.5 ml

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
Flow Cytometry			■	
Immunohistology - Frozen	■			1/20
Immunohistology - Paraffin			■	
ELISA	■			1/4000
Western Blotting			■	
Immunofluorescence	■			1/20

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 - lyophilised
Reconstitution	Reconstitute with 0.5 ml distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution. For long term storage the addition of 0.09% sodium azide is recommended.
Antiserum Preparation	Antiserum to human collagen type I and III was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	Mannitol, dextran and salts.
Approx. Protein Concentrations	IgG concentration 0.1 mg/ml after reconstitution.
Immunogen	Collagen types I and III from human placenta.

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

[P02452](#) [Related reagents](#)
[P08123](#) [Related reagents](#)
[P02461](#) [Related reagents](#)

Entrez Gene:

[1277](#) COL1A1 [Related reagents](#)
[1278](#) COL1A2 [Related reagents](#)
[1281](#) COL3A1 [Related reagents](#)

Specificity

Rabbit anti Human collagen I/III antibody recognizes human collagen types I and III, showing minimum cross reactivity with the following:

Human collagen type IV >3%

Human collagen type V >2%

This antibody has been cross adsorbed against human plasma proteins. Human plasma proteins do not interfere with the binding of Rabbit anti Human collagen I/III antibody (**2150-2210**) to collagen.

Storage

Prior to reconstitution store at +4°C.

After reconstitution store at -20°C.

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

12 months from date of reconstitution.

Health And Safety Information

Material Safety Datasheet documentation available at:

Material Safety Datasheet Documentation #10116 available at:

<https://www.bio-rad-antibodies.com/uploads/MSDS/10116.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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