

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	<p>UniProt:</p> <p>P02452 Related reagents</p> <p>P08123 Related reagents</p> <p>P02461 Related reagents</p> <p>Entrez Gene:</p> <p>1277 COL1A1 Related reagents</p> <p>1278 COL1A2 Related reagents</p> <p>1281 COL3A1 Related reagents</p>
RRID	AB_617466
Specificity	<p>Rabbit anti Human collagen I/III antibody recognizes human collagen types I and III, showing minimum cross reactivity with the following:</p> <p>Human collagen type IV >3%</p> <p>Human collagen type V >2%</p> <p>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.</p>
Storage	<p>Prior to reconstitution store at +4°C.</p> <p>After reconstitution store at -20°C.</p> <p>Storage in frost-free freezers is not recommended. This product should be stored undiluted.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody.</p> <p>Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	Guaranteed until date of expiry. Please see product label.
Health And Safety Information	Material Safety Datasheet documentation #10116 available at: 10116: 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](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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