

Datasheet: 2150-0060

Description:	RABBIT ANTI HUMAN COLLAGEN II
Specificity:	COLLAGEN II
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
Immunohistology - Frozen	■			1/10 - 1/50
Immunohistology - Paraffin			■	
ELISA	■			1/500 - 1/2000
Western Blotting			■	

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 - lyophilized
Reconstitution	Reconstitute with 0.5ml 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 and 1% BSA is recommended.
Preparation	Purified IgG prepared by affinity chromatography on immobilized human Collagen type II
Buffer Solution	0.1M Sodium Chloride 0.01M Sodium Phosphate 0.01M Sodium Borate
Preservative Stabilisers	1% Mannitol 1% Dextran

Approx. Protein Concentrations	IgG concentration 0.1 mg/ml after reconstitution
Immunogen	Human Collagen type II from cartilage.
External Database Links	<p>UniProt: P02458 Related reagents</p> <p>Entrez Gene: 1280 COL2A1 Related reagents</p>
RRID	AB_2229672
Specificity	Rabbit anti Human collagen II antibody recognizes human Collagen type II, an extracellular matrix protein found mainly in cartilaginous tissue. The antibody reacts with both native and heat denatured forms and shows minimal cross reactivity with Collagen type I, III, IV and V, as demonstrated by competitive ELISA.
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. Avoid repeated freezing and thawing as this may denature the antibody.</p>
Guarantee	Guaranteed until date of expiry. Please see product label.
Health And Safety Information	Material Safety Datasheet documentation #20482 available at: 20482: https://www.bio-rad-antibodies.com/uploads/MSDS/20482.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 (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
 Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)
 Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

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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](https://www.bio-rad-antibodies.com/datasheets)
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