Datasheet: 2150-2206

BATCH NUMBER 170026

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 - lyophilized
Reconstitution	Reconstitute with 0.5ml distilled water.
Preparation	Purified Ig prepared by affinity chromatography on immobilized collagen types I-V
Buffer Solution	Borate buffered saline
Preservative Stabilisers	1% Mannitol 1% Dextran
Approx. Protein Concentrations	IgG concentration 0.1mg/ml after reconstitution.

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 antibodyrecognizes 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	This product is shipped at ambient temperature. 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.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #20482 available at: https://www.bio-rad-antibodies.com/SDS/2150-2206
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR124...) HRP
Goat Anti Rabbit IgG (Fc) (STAR121...) Biotin, FITC, HRP
Sheep Anti Rabbit IgG (STAR35...) RPE

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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