

Datasheet: 2150-2206

BATCH NUMBER 148595

| | |
|----------------------|------------------------------------------|
| 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 Stabilisers | 0.1% Mannitol 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 |

RRID

AB_620306

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 denatured 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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10046 available at:
<https://www.bio-rad-antibodies.com/SDS/2150-2206>
10046

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [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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