



[Go to Product page](#)

Datasheet for ABIN135049  
**anti-COL2 antibody (Biotin)**

1 Image

Overview

|              |  |
|--------------|--|
| Quantity:    | 0.2 mg                                     |
| Target:      | COL2                                       |
| Reactivity:  | Human                                      |
| Host:        | Goat                                       |
| Clonality:   | Polyclonal                                 |
| Conjugate:   | This COL2 antibody is conjugated to Biotin |
| Application: | ELISA                                      |

Product Details

|                             |  |
|-----------------------------|--|
| Isotype:                    | IgG  |
| Specificity:                | Reacts with conformational determinants on type II collagen Referenced species reactivities include - Human 4,5,10,12,14,18-20,22,24,27,29,31,33,34 Chicken 16,26 Mouse 6,7,15 Porcine 21 Rat 13,17,25 Rabbit 2,9,11,30,32 Bovine 2,3,19,23 Sheep 8,28 |
| Cross-Reactivity (Details): | Exhibits < 10 % cross reactivity with collagen type II, III, IV, V and VI. The antibody has not been tested for reactivity with other ECM proteins (e.g., laminin, fibronectin).   |
| Characteristics:            | Goat Anti-Type II Collagen-BIOT  |
| Purification:               | <b>Purification Method:</b> Affinity chromatography on type II collagen covalently linked to agarose.  |

Target Details

|                   |  |
|-------------------|--|
| Target:           | COL2   |
| Alternative Name: | Type II Collagen ( <a href="#">COL2 Products</a> ) |

## Application Details

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Application Notes:

- **Applications:** Quality tested applications include - ELISA , FLISA
- Other referenced applications include - IHC-PS , IHC-FS , ICC , EM , WB , IP
- **Working Dilutions:** ELISA BIOT conjugate 1:1,000 - 1:4,000 FLISA AF488 conjugate 1:200 - 1:400

Sample Volume: 0,5 mL

Restrictions: For Research Use only

## Handling

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Concentration: 0.4 mg/mL

Buffer: 0.2 mg in 0.5 mL of PBS/Sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

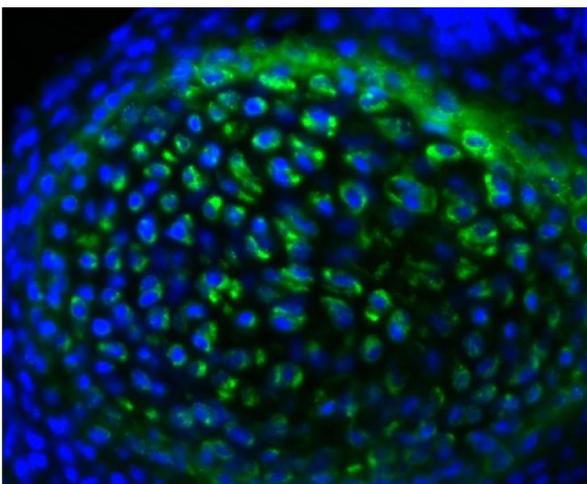
Handling Advice: **Protect conjugated products from light.**  
Each reagent is stable for the period shown on the bottle label if stored as directed.

Storage: 4 °C

Storage Comment: Store at 2-8°C

## Images

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### Immunofluorescence

**Image 1.** Frozen newborn mouse rib section was stained with Goat Anti-Type II Collagen-UNLB and DAPI.