Datasheet for ABIN135056

# anti-COL6 antibody

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## Overview

| | |
|---|---|
| Quantity: | 0.2 mg |
| Target: | COL6 |
| Reactivity: | Human |
| Host: | Goat |
| Clonality: | Polyclonal |
| Application: | ELISA |

## Product Details

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|---|---|
| Isotype: | IgG |
| Specificity: | Reacts with conformational determinants on type VI collagen Referenced species reactivities include - Human 1-3,5,6,9-11,13,14,16-19 Canine 20 Mouse 12,15 Cynomolgus 20 Rat 8,20 Porcine 4 Bovine 17 Rabbit 7 |
| 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 VI Collagen-UNLB |
| Purification: | **Purification Method:** Affinity chromatography on type VI collagen covalently linked to agarose. |

## Target Details

| | |
|---|---|
| Target: | COL6 |
| Alternative Name: | Type VI Collagen (COL6 Products) |

## Application Details

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|---|---|
| Application Notes: | • **Applications:** Quality tested applications include - ELISA ,<br>• Other referenced applications include - IHC-PS , IHC-FS , ICC , EM , WB<br>• **Working Dilutions:** ELISA BIOT conjugate 1:1,000 - 1:4,000 |
| Sample Volume: | 0,5 mL |
| Restrictions: | For Research Use only |

## Handling

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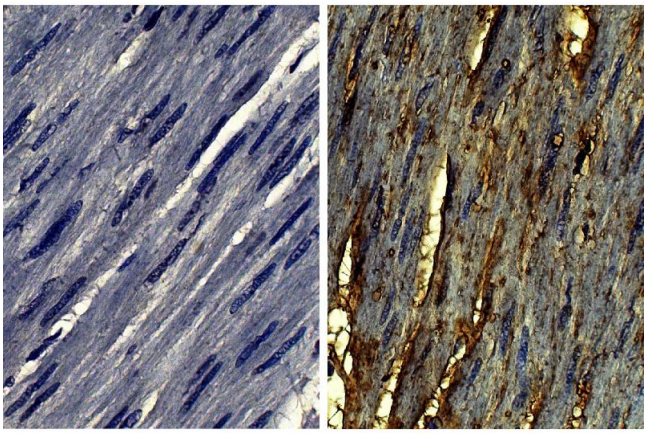
|---|---|
| Concentration: | 0.4 mg/mL |
| Buffer: | 0.2 mg of purified immunoglobulin in 0.5 mL of borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added |
| Preservative: | Without preservative |
| Handling Advice: | Each reagent is stable for the period shown on the bottle label if stored as directed. |
| Storage: | 4 °C |
| Storage Comment: | Store at 2-8°C |

## Publications

| | |
|---|---|
| Product cited in: | Olona, Terra, Ko, Grau-Bové, Pinent, Ardevol, Diaz, Moreno-Moral, Edin, Bishop-Bailey, Zeldin, Aitman, Petretto, Blay, Behmoaras: "Epoxygenase inactivation exacerbates diet and aging-associated metabolic dysfunction resulting from impaired adipogenesis." in: **Molecular metabolism**, Vol. 11, pp. 18-32, (2019) (PubMed).<br><br>Dias, Kim, Holl, Werne Solnestam, Lundeberg, Carlén, Göritz, Frisén: "Reducing Pericyte-Derived Scarring Promotes Recovery after Spinal Cord Injury." in: **Cell**, Vol. 173, Issue 1, pp. 153-165.e22, (2019) (PubMed). |



## Immunohistochemistry

**Image 1.** Paraffin embedded human gastric cancer tissue was stained with Goat IgG-UNLB isotype control, DAB, and hematoxylin.