

Datasheet for ABIN135054  
**anti-Collagen Type V antibody**[Go to Product page](#)

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## Overview

Quantity:	0.2 mg
Target:	Collagen Type V (COL5)
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Collagen Type V antibody is un-conjugated
Application:	ELISA

## Product Details

Isotype:	IgG
Specificity:	Reacts with conformational determinants on type V collagen Referenced species reactivities include - Human 2,5,6,11,13,14,17,23-26 Chicken 4 Porcine 1,5,8 Mouse 3,12,20 Cuttlefish 27 Rabbit 9,15 Rat 5,7,10,16 Equine 19,21,22 Tree Shrew 18 Canine 5 Guinea Pig 15
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 V Collagen-UNLB
Purification:	<b>Purification Method:</b> Affinity chromatography on type V collagen covalently linked to agarose.

## Target Details

Target:	Collagen Type V (COL5)
Alternative Name:	Type V Collagen ( <a href="#">COL5 Products</a> )

## Application Details

Application Notes:	<ul style="list-style-type: none"><li>• <b>Applications:</b> Quality tested applications include - ELISA ,</li><li>• Other referenced applications include - IHC-PS , IHC-FS , ICC , EM , WB</li><li>• <b>Working Dilutions:</b> ELISA BIOT conjugate 1:1,000 - 1:4,000</li></ul>
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Sample Volume:	0,5 mL
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Restrictions:	For Research Use only
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## Handling

Concentration:	0.4 mg/mL
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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
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Preservative:	Without preservative
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Handling Advice:	Each reagent is stable for the period shown on the bottle label if stored as directed.
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Storage:	4 °C
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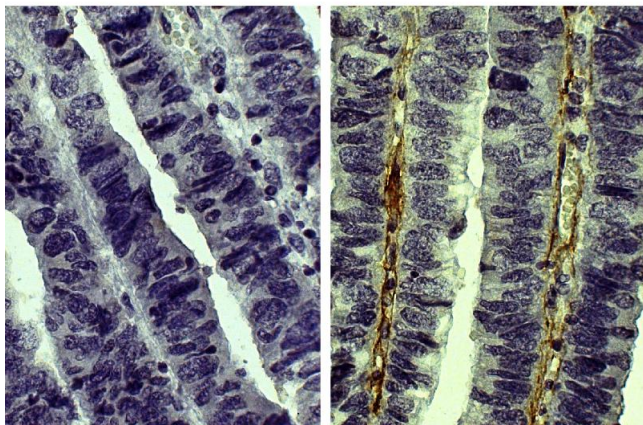
Storage Comment:	Store at 2-8°C
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## Publications

Product cited in:	Welc, Flores, Wehling-Henricks, Ramos, Wang, Bertoni, Tidball: "Targeting a therapeutic LIF transgene to muscle via the immune system ameliorates muscular dystrophy." in: <b>Nature communications</b> , Vol. 10, Issue 1, pp. 2788, (2019) ( <a href="#">PubMed</a> ).
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Finno, Gianino, Perumbakkam, Williams, Bordbari, Gardner, Burns, Peng, Durward-Akhurst, Valberg: "A missense mutation in MYH1 is associated with susceptibility to immune-mediated myositis in Quarter Horses." in: **Skeletal muscle**, Vol. 8, Issue 1, pp. 7, (2018) ([PubMed](#)).

Huang, Ge, Izzi, Greenspan: "α3 Chains of type V collagen regulate breast tumour growth via glypican-1." in: **Nature communications**, Vol. 8, pp. 14351, (2018) ([PubMed](#)).



#### Immunohistochemistry

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