

Datasheet for ABIN135051
anti-COL3 antibody (Biotin)



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Overview

Quantity:	0.2 mg
Target:	COL3
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This COL3 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Isotype:	IgG
Specificity:	Reacts with conformational determinants on type III collagen Referenced species reactivities include - Human 2,5,11,12,32,33,35-37 Chicken 22,23 Hamster 18,24 Mouse 4,6,13,15,34,39 Chinchilla 26 Porcine 1,5,17,29 Rat 5,10,14,20,31 Equine 25 Rabbit 9,16,19,21,38 Bovine 8,27 Feline 30 Rhesus 7 Canine 3,5 Guinea Pig 21 Tree Shrew 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 III Collagen-BIOT
Purification:	Purification Method: Affinity chromatography on type III collagen covalently linked to agarose.

Target Details

Target:	COL3
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Target Details

Alternative Name: Type III Collagen ([COL3 Products](#))

Application Details

Application Notes:

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

Sample Volume: 0,5 mL

Restrictions: For Research Use only

Handling

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.

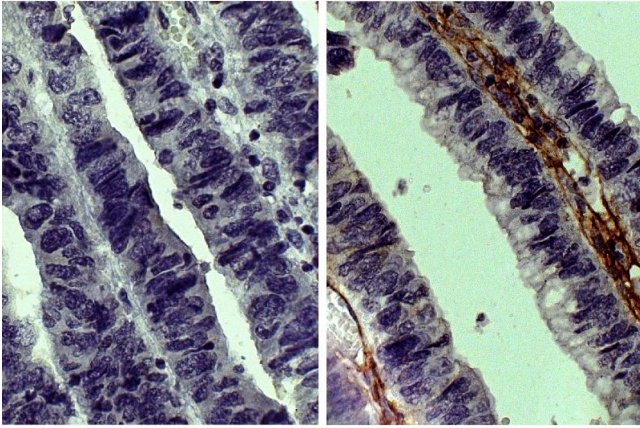
Handling Advice: **Protect conjugated products from light.**
Each reagent is stable for the period shown on the bottle label if stored as directed.

Storage: 4 °C

Storage Comment: Store at 2-8°C

Publications

Product cited in: Mucksová, Plachý, Staněk, Hejnar, Kalina, Benešová, Trefil: "Cytokine response to the RSV antigen delivered by dendritic cell-directed vaccination in congenic chicken lines." in: **Veterinary research**, Vol. 48, Issue 1, pp. 18, (2017) ([PubMed](#)).



Immunohistochemistry

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