



Datasheet for ABIN135047

anti-Collagen Type I antibody (Biotin)



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Overview

Quantity:	0.2 mg
Target:	Collagen Type I (COL1)
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Collagen Type I antibody is conjugated to Biotin
Application:	ELISA

Product Details

Isotype:	IgG
Specificity:	Reacts with conformational determinants on type I collagen Referenced species reactivities include - Human 1-5,10,20,26,27,29,31-34 Chicken 17 Hamster 11,18 Mouse 24,27,28 Chinchilla 19 Porcine 5,21 Rat 5,13-15,23,25,27,35 Elephant 8 Rabbit 16,30 Bovine 6,20 Feline 9 Sheep 7 Canine 5,12 Guinea Pig 16 Tree Shrew 22
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 I Collagen-BIOT
Purification:	Purification Method: Affinity chromatography on type I collagen covalently linked to agarose.

Target Details

Target:	Collagen Type I (COL1)
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Target Details

Alternative Name: Type I Collagen ([COL1 Products](#))

Application Details

Application Notes:

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

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.

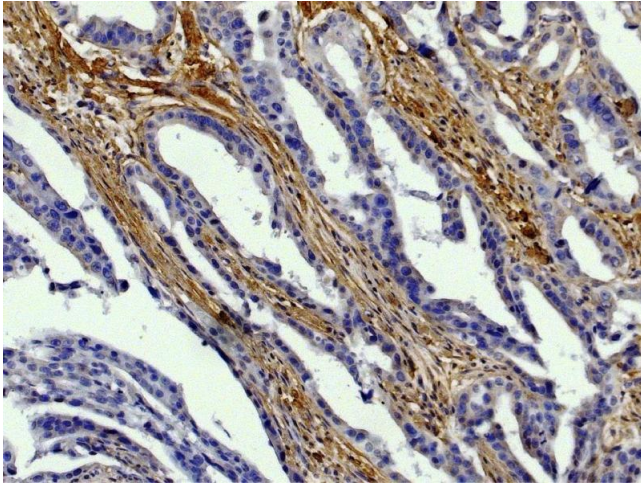
Storage: 4 °C

Storage Comment: Store at 2-8°C

Publications

Product cited in: Amorim, Moya, Donnez, Dolmans: "Morphometric characteristics of preantral and antral follicles and expression of factors involved in folliculogenesis in ovaries of adult baboons (Papio anubis)." in: **Journal of assisted reproduction and genetics**, Vol. 33, Issue 5, pp. 617-626 , (2016) ([PubMed](#)).

Törmälä, Jääskeläinen, Lakkakorpi, Liakka, Tapanainen, Vaskivuo: "Zona pellucida components are present in human fetal ovary before follicle formation." in: **Molecular and cellular endocrinology**, Vol. 289, Issue 1-2, pp. 10-5, (2008) ([PubMed](#)).



Immunohistochemistry

Image 1. Paraffin embedded human gastric cancer tissue was stained with Goat Anti-Type I Collagen-BIOT, DAB, and hematoxylin.