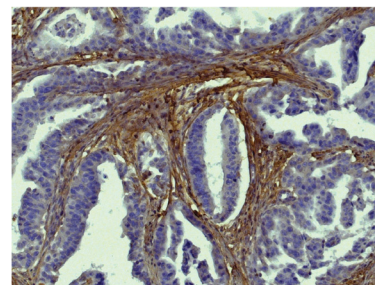




Goat Anti-Type I Collagen

Cat. No.	Format	Size
1310-01	Purified (UNLB)	0.2 mg
1310-02	Fluorescein (FITC)	0.2 mg
1310-08	Biotin (BIOT)	0.2 mg
1310-30	Alexa Fluor® 488 (AF488)	0.2 mg



Paraffin embedded human gastric cancer tissue was stained with Goat Anti-Type I Collagen-BIOT (SB Cat. No. 1310-08) followed by Streptavidin-HRP (SB Cat. No. 7100-05), DAB, and hematoxylin.

Description

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
Source	Pooled antisera from goats hyperimmunized with type I collagen
Cross Adsorption	Collagen types II, III, IV, V, and VI
Purification	Affinity chromatography on type I collagen covalently linked to agarose

Applications

Quality tested applications include –

ELISA¹⁻³
FLISA

Other referenced applications include –

IHC-PS⁴⁻¹⁵
IHC-FS¹⁶⁻²⁴
ICC^{14,24-28}
EM²⁹⁻³¹
FC³²
WB^{3,10,13-15,26-28,33}
IP^{34,35}

Working Dilutions

ELISA	BIOT conjugate	1:1,000 – 1:4,000
FLISA	FITC and AF488 conjugates	1:200 – 1:400

Other Applications Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.

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Handling and Storage

- The purified (UNLB) antibody is supplied as 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.* Store at 2-8°C.
- The fluorescein (FITC), biotin (BIOT), and Alexa Fluor® 488 (AF488) conjugates are supplied as 0.2 mg in 0.5 mL of PBS/NaN₃. Store at 2-8°C.
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific SDS.

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