Goat Anti-Type I Collagen

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1310-01</td>
<td>Purified (UNLB)</td>
<td>0.2 mg</td>
</tr>
<tr>
<td>1310-02</td>
<td>Fluorescein (FITC)</td>
<td>0.2 mg</td>
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<tr>
<td>1310-08</td>
<td>Biotin (BIOT)</td>
<td>0.2 mg</td>
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<tr>
<td>1310-30</td>
<td>Alexa Fluor® 488 (AF488)</td>
<td>0.2 mg</td>
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</tbody>
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**Description**

**Specificity**

Reacts with conformational determinants on type I collagen

Referenced species reactivities include –

- Human 1-5, 10, 20, 26, 27, 29, 31-34
- Mouse 24, 27, 28
- Rat 5, 13-15, 23, 25, 27, 35
- Bovine 6, 12
- Canine 5, 12
- Chicken 17
- Chinchilla 19
- Elephant 8
- Feline 9
- Guinea Pig 16
- Hamster 11, 18
- Porcine 5, 21
- Rabbit 16, 30
- Sheep 7
- 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 –

- ELISA 1-3
- FLISA

Other referenced applications include –

- IHC-PS 4-15
- IHC-FS 16-24
- ICC 14, 24-28
- EM 29-31
- FC 32
- WB 3, 10, 13-15, 28-33, 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.
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.
- 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 (M)SDS.

References