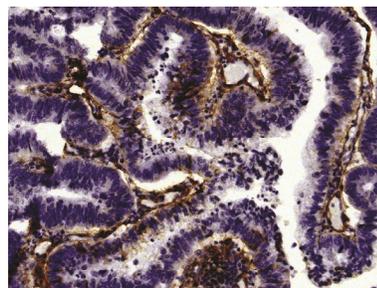




Goat Anti-Type IV Collagen

Cat. No.	Format	Size
1340-01	Purified (UNLB)	0.2 mg
1340-08	Biotin (BIOT)	0.2 mg
1340-30	Alexa Fluor [®] 488 (AF488)	0.2 mg



Human gastric cancer tissue was stained with Goat Anti-Type IV Collagen-UNLB (SB Cat. No. 1340-01) followed by Swine Anti-Goat IgG(H+L), Human/Rat/Mouse SP ads-HRP (SB Cat. No. 6300-05).

Description

Specificity	Reacts with conformational determinants on type IV collagen Referenced species reactivities include –															
	<table> <tr> <td>Human^{1,12,14,27,29,31,34,36}</td> <td>Chicken^{5,13,15}</td> <td>Porcine^{11,22,25}</td> </tr> <tr> <td>Mouse^{4,5,7,8,30,32}</td> <td>Chinchilla¹⁷</td> <td>Rabbit^{5,6,14,20,23}</td> </tr> <tr> <td>Rat^{2,3,10,26,27,33,35}</td> <td>Equine^{18,28}</td> <td>Sheep²⁴</td> </tr> <tr> <td>Bovine^{5,24}</td> <td>Guinea Pig¹⁴</td> <td>Tree Shrew²¹</td> </tr> <tr> <td>Canine^{9,19}</td> <td>Japanese Macaque¹⁶</td> <td></td> </tr> </table>	Human ^{1,12,14,27,29,31,34,36}	Chicken ^{5,13,15}	Porcine ^{11,22,25}	Mouse ^{4,5,7,8,30,32}	Chinchilla ¹⁷	Rabbit ^{5,6,14,20,23}	Rat ^{2,3,10,26,27,33,35}	Equine ^{18,28}	Sheep ²⁴	Bovine ^{5,24}	Guinea Pig ¹⁴	Tree Shrew ²¹	Canine ^{9,19}	Japanese Macaque ¹⁶	
Human ^{1,12,14,27,29,31,34,36}	Chicken ^{5,13,15}	Porcine ^{11,22,25}														
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Source	Pooled antisera from goats hyperimmunized with type IV collagen															
Cross Adsorption	Collagen types I, II, III, V, and VI															
Purification	Affinity chromatography on type IV collagen covalently linked to agarose															

Applications

Quality tested applications include –

ELISA¹⁻³
FLISA

Other referenced applications include –

IHC-PS²⁻¹²
IHC-FS^{6,13-28}
ICC^{6,14,27,29,30}
EM^{5,31,32}
FC³⁶
WB^{2,4,7,8,10,14,27,29,32,33}
IP³²⁻³⁵

Working Dilutions

ELISA	BIOT conjugate	1:1,000 – 1:4,000
FLISA	AF488 conjugate	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.

For Research Use Only. Not for Diagnostic or Therapeutic Use.

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 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 (M)SDS.

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