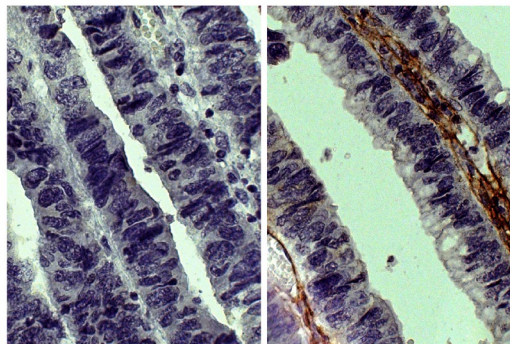




Goat IgG Isotype Control

Cat. No.	Format	Size
0109-01	Purified (UNLB)	10 mg
0109-02	Fluorescein (FITC)	100 tests
0109-03	Rhodamine (TRITC)	100 tests
0109-07	Texas Red® (TXRD)	100 tests
0109-08	Biotin (BIOT)	0.5 mg
0109-09	R-phycoerythrin (PE)	100 tests
0109-11	Allophycocyanin (APC)	100 tests
0109-13	Spectral Red® (SPRD)	100 tests
0109-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg
0109-30	Alexa Fluor® 488 (AF488)	100 tests
0109-31	Alexa Fluor® 647 (AF467)	100 tests



Paraffin embedded human gastric cancer tissue was stained with Goat IgG-UNLB isotype control (SB Cat. No. 0109-01; left) and Goat Anti-Type III Collagen-UNLB (SB Cat. No. 1330-01; right) followed by Swine Anti-Goat IgG(H+L), Human/Rat/Mouse SP ads-HRP (SB Cat. No. 6300-05), DAB, and hematoxylin.

Description

Isotype	Goat IgG
Source	Normal goat serum

Applications

Quality tested applications include –

FC¹⁻⁴
ELISA
FLISA

Other referenced applications include –

IHC-FS⁵⁻⁷
IHC-PS⁸
IHC-WM¹⁸
ICC^{19,20}
IP²¹
Block^{4,9,10}
In vitro control¹¹⁻¹⁵
In vivo control^{16,17}

Working Dilutions

Flow Cytometry	BIOT conjugate	≤ 1 µg/10 ⁶ cells
	FITC, PE, APC, SPRD, AF488, and AF647 conjugates	10 µL/10 ⁶ cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL	
FLISA	TRITC and TXRD conjugates	1:100 – 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) IgG is supplied as 10.0 mg of purified immunoglobulin in 2.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC), rhodamine (TRITC), Texas Red® (TXRD), Alexa Fluor® 647 (AF647), and Alexa Fluor® 488 (AF488) conjugates are supplied as 100 tests in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The biotin (BIOT) conjugate is as 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) and allophycocyanin (APC) conjugates are supplied as 100 tests in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Spectral Red® (SPRD) conjugate is supplied as 100 tests in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The low endotoxin, azide-free (LE/AF) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of PBS. **Aliquot and store at or below -20°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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