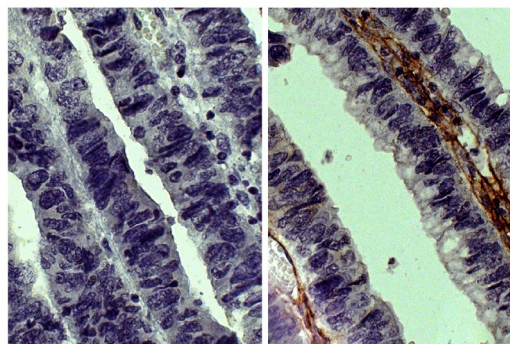




Goat IgG Isotype Control

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 –

FC ¹⁻⁴
ELISA
FLISA

Other referenced applications include –

IHC-FS ⁵⁻⁷
IHC-PS ⁸
IHC-WM ¹⁸
ICC ^{19,20}
IP ²¹
Block ^{4,9,10}
In vitro control ¹¹⁻¹⁵
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.	

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

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. Contains no preservative; handle under aseptic conditions. Store at 2-8°C or aliquot into smaller volumes and store at -20°C. Avoid multiple freeze / thaw cycles.
- 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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Corporate Offices: 160 Oxmoor Blvd • Birmingham, AL 35209 • USA Mailing Address: P.O. Box 26221 • Birmingham, AL 35260 • USA

Tel: 205.945.1774 • U.S. and Canada: 800.722.2255 • Fax: 205.945.8768

Email: info@southernbiotech.com • Website: www.southernbiotech.com