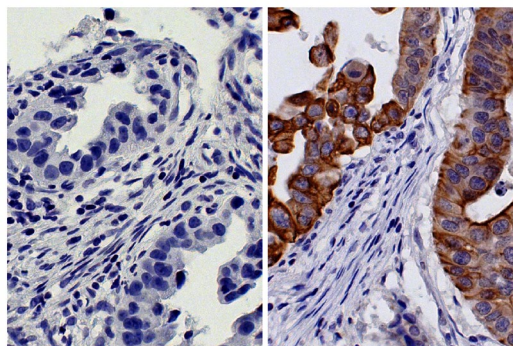




Mouse IgG_{2b} Isotype Control

Cat. No.	Format	Size
0104-01	Purified (UNLB)	1.0 mg
0104-02	Fluorescein (FITC)	100 tests
0104-04	Alkaline Phosphatase (AP)	1.0 mL
0104-05	Horseradish Peroxidase (HRP)	1.0 mL
0104-08	Biotin (BIOT)	0.5 mg
0104-09	R-phycoerythrin (PE)	100 tests
0104-11	Allophycocyanin (APC)	100 tests
0104-12	Cyanine 3 (CY3)	100 tests
0104-13	Spectral Red® (SPRD)	100 tests
0104-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg
0104-15	Cyanine 5 (CY5)	100 tests
0104-17	R-phycoerythrin-Cyanine 7 (PE/CY7)	100 tests
0104-18	Allophycocyanin-Cyanine 5.5 (APC/CY5.5)	100 tests
0104-19	Allophycocyanin-Cyanine 7 (APC/CY7)	100 tests
0104-27	Alexa Fluor® 700 (AF700)	100 tests



Paraffin embedded human gastric cancer tissue was stained with Mouse IgG_{2b}-HRP isotype control (SB Cat. No. 0104-05; left) and Mouse Anti-Cytokeratin 18-HRP (SB Cat. No. 10085-05; right) followed by DAB and hematoxylin.

Overview

Clone	A-1
Isotype	Mouse IgG _{2b} K
Specificity	Chicken IgA

Applications

FC – Quality tested ⁷⁻¹¹
 ELISA – Quality tested ¹⁻⁶
 FLISA – Quality tested
 IHC-FS – Reported in literature ^{11,12}
 IHC-PS ¹⁴
In vitro control – Reported in literature ⁷

Working Dilutions

Flow Cytometry	Purified (UNLB) antibody	≤ 1 µg/10 ⁶ cells
	BIOT conjugate	≤ 1 µg/10 ⁶ cells
	FITC, PE, APC, CY3, SPRD, CY5, PE/CY7, APC/CY5.5, APC/CY7, and AF700 conjugates	10 µL/10 ⁶ cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL	
ELISA	Purified (UNLB) antibody	1 - 5 µg/mL
	AP and HRP conjugates	1:2,000 – 1:4,000
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 1.0 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC), Cyanine 3 (CY3), Cyanine 5 (CY5), and Alexa Fluor® 700 (AF700) conjugates are supplied as 100 tests in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL in a stock solution of 50 mM Tris/1 mM MgCl₂/50% glycerol, pH 8.0, containing NaN₃ as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL in a stock solution of 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- The biotin (BIOT) conjugate is supplied 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), R-phycoerythrin-Cyanine 7 (PE/CY7), allophycocyanin-Cyanine 5.5 (APC/CY5.5) and allophycocyanin-Cyanine 7 (APC/CY7) 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 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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14. SouthernBiotech published data (IHC-PS)

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