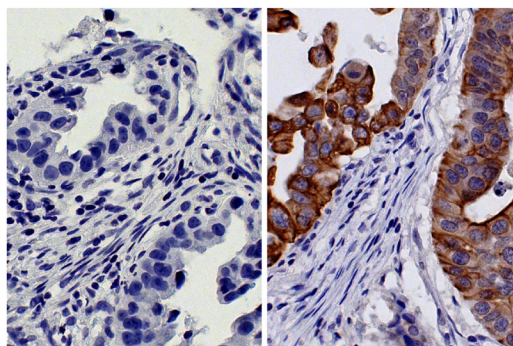




Mouse IgG_{2b} Isotype Control

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
0104-28	Biotin-maleimide (BIMA)	0.5 mg



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 _{2bκ}
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.	

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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) and biotin-maleimide (BIMA) conjugates are 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. **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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