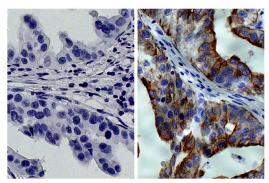
SouthernBiotech



Mouse IgG_{2a} Isotype Control

Cat. No.	Format	Size
0103-01	Purified (UNLB)	1.0 mg
0103-02	Fluorescein (FITC)	100 tests
0103-04	Alkaline Phosphatase (AP)	1.0 mL
0103-05	Horseradish Peroxidase (HRP)	1.0 mL
0103-08	Biotin (BIOT)	0.5 mg
0103-09	R-phycoerythrin (PE)	100 tests
0103-10	R-phycoerythrin-Texas Red® (PE/TXRD)	100 tests
0103-11	Allophycocyanin (APC)	100 tests
0103-13	Spectral Red® (SPRD)	100 tests
0103-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg
0103-15	Cyanine 5 (CY5)	100 tests
0103-17	R-phycoerythrin-Cyanine 7 (PE/CY7)	100 tests
0103-18	Allophycocyanin-Cyanine 5.5 (APC/CY5.5)	100 tests
0103-19	Allophycocyanin-Cyanine 7 (APC/CY7)	100 tests
0103-26	Pacific Blue™ (PACBLU)	100 tests
0103-27	Alexa Fluor® 700 (AF700)	100 tests
0103-30	Alexa Fluor® 488 (AF488)	100 tests
0103-31	Alexa Fluor [®] 647 (AF647)	100 tests



Paraffin embedded human gastric cancer tissue was stained with Mouse IgG2a-HRP isotype control (SB Cat. No. 0103-05; left) and Mouse Anti-Cytokeratin 8-HRP (SB Cat. No. 10080-05; right) followed by DAB and hematoxylin.

Overview

Applications

FC – Quality tested 6-12

ELISA - Quality tested 1-5

FLISA - Quality tested

IHC-FS - Reported in literature 13,14

IHC-PS ²⁰

ICC - Reported in literature 15,21

WB – Reported in literature ¹⁷

IP – Reported in literature ^{15,16}

In vitro control – Reported in literature ^{7,8,17} *In vivo* control – Reported in literature ^{17,18}

Working Dilutions

Flow Cytometry Purified (UNLB) antibody ≤ 1 μg/10⁶ cells

BIOT conjugate \leq 1 μ g/10 6 cells FITC, PE, PE/TXRD, APC, SPRD, CY5, PE/CY7, APC/CY5.5, 10 μ L/10 6 cells

APC/CY7, PACBLU, AF488, AF647, and AF700 conjugates

For flow cytometry, the suggested use of these reagents is in a final volume of 100 μ L

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 5 (CY5), Alexa Fluor® 488 (AF488), Alexa Fluor® 647 (AF647), Alexa Fluor® 700 (AF700), and Pacific Blue™ (PACBLU) 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-Texas Red® (PE/TXRD), 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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