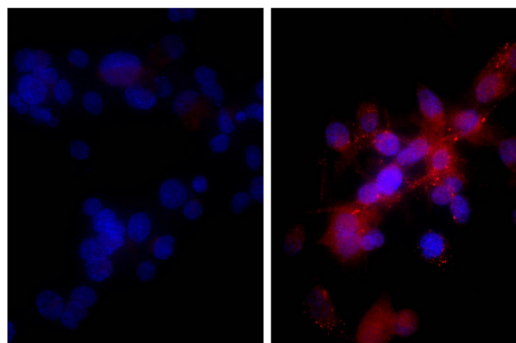




Rabbit IgG Isotype Control

| Cat. No. | Format | Size |
|----------|-----------------------------------|-----------|
| 0111-01 | Purified (UNLB) | 10 mg |
| 0111-02 | Fluorescein (FITC) | 100 tests |
| 0111-08 | Biotin (BIOT) | 0.5 mg |
| 0111-09 | R-phycoerythrin (PE) | 100 tests |
| 0111-14 | Low Endotoxin, Azide-Free (LE/AF) | 0.5 mg |



Human hepatocellular carcinoma cell line Hep G2 was stained with Rabbit IgG-UNLB isotype control (SB Cat. No. 0111-01; left) and Rabbit Anti-Human DR5-UNLB (SB Cat. No. 6600-01; right) followed by Donkey Anti-Rabbit IgG(H+L), Mouse/Rat/Human SP ads-BIOT (SB Cat. No. 6440-08, Streptavidin-CY3 (SB Cat. No. 7100-12), and DAPI.

Description

| | |
|----------------|---------------------|
| Isotype | Rabbit IgG |
| Source | Normal rabbit serum |

Applications

Quality tested applications include –

FC ⁴⁻¹⁰
ELISA ¹⁻³
FLISA

Other referenced applications include –

IHC-FS ^{4,11,22}
IHC-PS ¹²⁻¹⁵
IHC-WM ²³
ICC ¹⁶
WB ²¹
IP ^{24,25}
ChIP ²⁵⁻²⁸
Microarray ^{17,18}
Block ¹⁹
In vitro control ²⁰
In vivo control ²⁹

Working Dilutions

| | | |
|-----------------------|---|---|
| Flow Cytometry | Purified (UNLB) antibody | $\leq 1 \mu\text{g}/10^6 \text{ cells}$ |
| | BIOT conjugate | $\leq 1 \mu\text{g}/10^6 \text{ cells}$ |
| | FITC and PE conjugates | $10 \mu\text{L}/10^6 \text{ cells}$ |
| | For flow cytometry, the suggested use of these reagents is in a final volume of 100 μL | |

| | |
|---------------------------|--|
| Other Applications | Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need. |
|---------------------------|--|

Please note that the rabbit IgG Fc region may bind nonspecifically to human tissue. Rabbit IgG is an isotype control used to estimate the non-specific binding of target primary antibodies due to Fc binding or other protein-protein interactions.

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

Handling and Storage

- The purified (UNLB) IgG is supplied as 10 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) conjugate is supplied as 100 tests in 1.0 mL of PBS/NaN₃. Store at 2-8°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) 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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