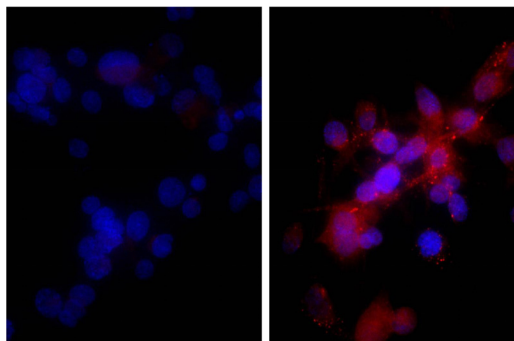




## Rabbit IgG Isotype Control

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

<b>Isotype</b>	Rabbit IgG
<b>Source</b>	Normal rabbit serum

### Applications

Quality tested applications include –

FC<sup>4-10</sup>  
ELISA<sup>1-3</sup>  
FLISA

Other referenced applications include –

IHC-FS<sup>4,11,22</sup>  
IHC-PS<sup>12-15</sup>  
IHC-WM<sup>23</sup>  
ICC<sup>16</sup>  
WB<sup>21</sup>  
IP<sup>24,25</sup>  
ChIP<sup>25-28</sup>  
Microarray<sup>17,18</sup>  
Block<sup>19</sup>  
*In vitro* control<sup>20</sup>  
*In vivo* control<sup>29</sup>

### Working Dilutions

<b>Flow Cytometry</b>	Purified (UNLB) antibody	≤ 1 µg/10 <sup>6</sup> cells
	BIOT conjugate	≤ 1 µg/10 <sup>6</sup> cells
	FITC and PE conjugates	10 µL/10 <sup>6</sup> 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.

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## 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/Na<sub>3</sub>. Store at 2-8°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/Na<sub>3</sub>. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 100 tests in 1.0 mL of PBS/Na<sub>3</sub> 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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