



08-6599 18 mL  
 Mouse Isotype Control  
 Lot No. See product label

**MOUSE PRIMARY ANTIBODY ISOTYPE CONTROL**

**FORM:**  
 Liquid. This control contains 0.5 µg/ml of chromatographically purified normal mouse immunoglobulin. The antibody is supplied in phosphate buffered saline, pH 7.4 containing 1% BSA, and 0.1% NaN<sub>3</sub>.

**SPECIFICITY:**  
 This mouse immunoglobulin preparation is derived from non-immune mice and has no known specificity. No background or specific staining was observed when tested on human tissues using Invitrogen's Histostain-SP™ kit.

**APPLICATION:**(1,2,3)  
 This reagent is intended to act as a negative control for monoclonal mouse primary antibodies (IgG and IgM) used for immunohistostaining. The concentration of mouse immunoglobulin in this reagent is similar to that of many mouse antibodies used for immunohistostaining. The solution medium is the same that is used for Invitrogen's predilute antibodies. This reagent is supplied at working strength (no dilution is normally required). Every specific tissue stain should be done with a positive tissue control and a negative reagent control:

	Tissue	Antibody	Detection System
<b>Specimen</b>	Specimen	Primary Antibody	Normal
<b>Positive Control</b>	Positive Tissue	Primary Antibody	Normal
<b>Negative Control</b>	Specimen	Isotype Control	Normal

After staining, the positive control should show conclusive, specific staining without significant background--if not, the staining procedure is not acceptable; the negative control should show no specific stain and no significant background--if not, the staining procedure is not acceptable.

**RECOMMENDED GUIDELINES FOR USE:**  
 This isotype control is ready-to-use. On another section of the same sample being stained with the primary antibody, use the isotype control in the same way as the primary antibody (same volume, same incubation parameters). Process both sections using the same detection system.

**STORAGE:** Store at 2-8°C

- REFERENCES:**
- 1). Elias, J.M.; Immunohistopathology: A Practical Approach to Diagnosis. ASCP, pp54 (1990).
  - 2). Taylor, C.R. and Cate, R.J.; Immunomicroscopy: A Diagnostic Tool for the Surgical Pathologist. 2nd ed., WB Sanders Company. Philadelphia, pp 24-25 (1994).
  - 3). CLIA '88, U.S. Government.

[www.invitrogen.com](http://www.invitrogen.com)

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<b>Negative Control</b>	Specimen	Isotype Control	Normal

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