

Mouse Isotype Control for Mouse Antibody

#Cat: NB-23-00194

Size: 18mL

Intended Use

This reagent is intended to be used as a negative control for mouse primary antibodies for immunohistostaining. The control contains 1ug/ml of purified normal mouse immunoglobulin in antibody diluent solution. The concentration of the mouse immunoglobulin in the reagent is similar to many mouse antibodies that are used for immunohistostaining. This reagent is supplied in ready-to-use format. It is highly recommended to use a negative reagent control and positive tissue control in parallel with every specific tissue stain. After staining, the positive control should show specific staining without significant background and the negative control should show no specific stain and no significant background.

Specification

This mouse immunoglobulin preparation is derived from non-immune mice and has no known specificity.

Antibody Diluent Solution contains 0.05% NaN₃.

No background or specific staining was observed when tested on human tissue with PolyStain 1-Step, PolyStain 2-Step or PolyStain 2-Step Plus Detection system.

Storage

Store at 2-8°C. Do not freeze.

Recommended Protocol

This reagent is supplied in ready-to-use format. Apply the same amount of isotype control reagent as the primary antibody on the tissue section from the same tissue specimen (sequential slides is recommended) and incubate for the same time as the primary antibody. Use the same detection system on both slides.

	Tissue Slide	Primary Antibody	Detection
Specimen	Specimen A	Mouse primary antibody X	Detection A
Negative Control	Specimen A	Mouse Antibody Isotype Control	Detection A
Positive Control	Known positive tissue	Mouse primary antibody X	Detection A

Precaution

Wear gloves and take other necessary laboratory safety procedure.

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