

RABBIT MONOCLONAL IgG ISOTYPE CONTROL

Technical Data Sheet

Reagent Category

Rabbit monoclonal IgG Isotype Control

Format Supplied

1 ml of Rabbit monoclonal IgG Isotype Control

PRODUCT# NG910C (Concentrate)

SOURCE: Purified Rabbit IgG

CONCENTRATION: 100 µg/ml

VOLUME: 1 ml

PRODUCT DESCRIPTION and REACTIVITY

This Rabbit monoclonal IgG Isotype Control has no immune reactivity and it is intended for staining negative control tissue sections and cell preparations, it is to be applied as the negative control reagent on the designated negative control specimens.

When staining negative control sections by use of isotype controls, it is important to match several important factors such as matching the species of the isotype control with the species of the primary antibody employed; For example, a rabbit monoclonal primary antibody of IgG class requires rabbit monoclonal IgG isotype control as the negative control reagent. Furthermore, the concentration, the number of micrograms per milliliter of the isotype control IgG and the primary antibody IgG must equate. IgG concentration for staining frozen and routinely fixed, paraffin embedded sections range is 1-5 µg/ml.

ISOTYPE CONTROL FORMAT, DILUTION and INCUBATION

For maximum stability, this affinity purified Rabbit monoclonal IgG isotype control is provided in INNOVEX ImmunoDiluent (product # NB307) and is offered in:

☐ 1 ml of concentrate (100 µg/ml) of rabbit monoclonal IgG isotype control; Dilution is required to match the IgG concentration of rabbit primary antibody employed. Dilution of 1:100 of this isotype control yields 1 µg/ml; Dilution of 1:50 yields 2 µg/ml. Incubate for the same amount of time as the primary antibody.

This concentrate rabbit IgG negative control isotype control requires dilution. The dilution should make the concentration of this rabbit IgG isotype control equal to IgG concentration of primary antibody employed. The negative control and the positive control and the test case should receive equal number of micrograms per ml of IgG for both Isotype control and primary antibody respectively.

For diluting concentrate isotype controls, Innovex ImmunoDiluent (product # NB307) is recommended; Other appropriate diluents are acceptable. Dilute this Rabbit IgG Isotype Control appropriately for the number of micrograms per milliliter (µg/ml) desired and incubate for the same amount of time as the primary antibody.

APPLICATION

This Rabbit monoclonal IgG isotype control is intended for use as the negative control reagent for staining negative control tissue sections and cell preparations. This IgG isotype control can be employed for use in a variety of immunoassays such as IHC, ICC, immunofluorescence (IF), Flow cytometry, ELISA, Immunoblotting and dot blotting. For IHC, ICC and IF, this isotype control can be used for staining negative control slides for frozen and paraffin embedded histological sections of human and animal tissues.

STORAGE CONDITION

Store in refrigerator at 2-8°C through expiration date noted on the vial.

IMPORTANT NOTE:

The interpretation of test results is the sole responsibility of the end user.

FOR RESEARCH USE

FOR ADDITIONAL TECHNICAL SUPPORT
Email: techsupport@innovexbio.com