



Negative Control Mouse IgG

Negative Control

Control Number: 902-494-082713

Catalog Number: BRR 494 H
Description: 25 ml, prediluted

Intended Use:

For Research Use Only. Not for use in diagnostic procedures.

Summary and Explanation:

The Negative Control Mouse IgG is intended for use as a negative control with mouse monoclonal antibodies. The IgG preparation has been purified from pooled serum and contains a spectrum of the IgG subclasses. The SDS-PAGE shows two bands corresponding to heavy and light chain. The Negative Control Mouse IgG has been titrated for Biocare's monoclonal antibodies.

Principle of Procedure:

Negative Control Mouse IgG is used in place of a primary mouse monoclonal antibody with a section of each patient specimen to evaluate nonspecific staining. This allows for better interpretation of specific staining at the antigen site. This control is easy to achieve and can be used routinely in immunohistochemical staining.

Source: Purified Mouse Immunoglobulin

Isotype: IgG

Total IgG Concentration: ~10 mg/ml. Call for lot specific Ig Concentration.

Known Applications:

Immunohistochemistry (formalin-fixed paraffin-embedded tissues)

Supplied As: Buffer with protein carrier and preservative.

Storage and Stability:

Store at 2°C to 8°C. Do not use after expiration date printed on vial. If reagents are stored under conditions other than those specified in the package insert, they must be verified by the user.

Staining Protocol Recommendations:

Peroxide Block: Block for 5 minutes with Biocare's Peroxidized 1.

Protein Block (Optional): Incubate for 5-10 minutes at room temperature (RT) with Biocare's Background Punisher.

Pretreatment Protocol: Please refer to the respective primary antibody data sheet for recommended pretreatment solution and protocol.

Negative Control: Use Negative Control Mouse IgG in place of the primary antibody with a section of each patient specimen.

Link: Incubate for 10 minutes at RT with a link.

Label: Incubate for 10 minutes at RT with a label.

Chromogen: Incubate for 5 minutes at RT with Biocare's DAB. - OR - Incubate for 5-7 minutes at RT with Biocare's Warp Red.

Technical Note:

This reagent has been standardized with Biocare's 4plus detection system.

Limitations:

This product is provided for Research Use Only (RUO) and is not for use in diagnostic procedures. Suitability for specific applications may vary and it is the responsibility of the end user to determine the appropriate application for its use.

Precautions:

1. This product is not classified as hazardous. The preservative used in this reagent is Proclin 950 and the concentration is less than 0.25%. Overexposure to Proclin 950 can cause skin and eye irritation and irritation to mucous membranes and upper respiratory tract. The concentration of Proclin 950 in this product does not meet the OSHA criteria for a hazardous substance. Wear disposable gloves when handling reagents.
2. Specimens, before and after fixation, and all materials exposed to them should be handled as if capable of transmitting infection and disposed of with proper precautions. Never pipette reagents by mouth and avoid contacting the skin and mucous membranes with reagents and specimens. If reagents or specimens come in contact with sensitive areas, wash with copious amounts of water.
3. Microbial contamination of reagents may result in an increase in nonspecific staining.
4. Incubation times or temperatures other than those specified may give erroneous results. The user must validate any such change.
5. Do not use reagents after the expiration date printed on the vial.
6. The MSDS is available upon request and is located at <http://biocare.net/support/msds/>.
7. Consult OSHA, federal, state or local regulations for disposal of any toxic substances. Proclin™ is a trademark of Rohm and Haas Company, or of its subsidiaries or affiliates.

Technical Support:

Contact Biocare's Technical Support at 1-800-542-2002 for questions regarding this product.