



Mouse IgG_{2B} Isotype Control-PerCP

ORDERING INFORMATION

Catalog Number: IC0041C

Lot Number: AAQL03

Clone: 133303

Size: 200 tests

Storage: 2° - 8° C in the dark

Ig class: mouse IgG_{2B}

Application: Negative control

Preparation

This Peridinin-Chlorophyll-Protein-Complex (PerCP) conjugated mouse antibody was produced from a hybridoma elicited from a mouse immunized with purified KLH. This clone is specific for KLH, and its IgG_{2B} isotype was confirmed by using a two-site immunoassay. Total IgG was purified by Protein A affinity chromatography. The antibody has been pre-diluted and tested by flow cytometric analysis.

Formulation

Supplied as 50 µg of antibody in 2 mL saline containing up to 0.5% BSA and up to 0.1% sodium azide.

Storage

Reagents are stable for **twelve months** from date of receipt when stored in the dark at 2° - 8° C.

Specificity

This product has been purified for use as a mouse IgG_{2B} isotype control for flow cytometry applications.

Application

Protein A-purified normal mouse IgG_{2B} is a suitable negative control for use in conjunction with R&D Systems specific monoclonal antibodies. This isotype control has been derivatized with a quantity of fluorochrome that matched the F/P (fluorochrome/protein) ratio of R&D Systems specific monoclonal reagents. For each test, add 10 µL of PerCP-conjugated mouse IgG_{2B} reagent to 1 - 5 x 10⁶ cells in a total reaction volume not exceeding 200 µL. Individual users may need to titrate to determine optimal reagent amount for their specific use.

Warning: Contains sodium azide as a preservative - sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large volumes of water during disposal.