

TECHNICAL DATA SHEET

violetFluor™ 500 Mouse IgG1 Isotype Control (MOPC-21)

Catalog Number: 85-4714

PRODUCT INFORMATION

Contents: violetFluor™ 500 Mouse IgG1 Isotype Control (MOPC-21)

Isotype: Mouse IgG1

Concentration: 0.2 mg/mL

Clone: MOPC-21

Reactivity: N/A

Use By: 12 months from date of receipt

Storage Conditions: 2-8°C protected from light

Formulation: 10 mM NaH₂PO₄, 150 mM NaCl, 0.09% NaN₃, 0.1% gelatin, pH7.2

DESCRIPTION

The MOPC-21 immunoglobulin is useful as an isotype-matched control. The MOPC-21 immunoglobulin has an unknown binding specificity and is used as an isotype control for mouse IgG1 antibodies.

PREPARATION & STORAGE

This monoclonal antibody was purified from tissue culture supernatant via affinity chromatography. The purified antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation. It is recommended to store the product undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.

APPLICATION NOTES

This antibody preparation has been quality-tested for flow cytometry using an appropriate cell type. The isotype control should be used at the same concentration as the primary antibody for which it is a control.

violetFluor™ 500 dye is excited by the violet (405 nm) laser and has a peak emission of 500 nm. The recommended band pass filter for this dye is 525/20. violetFluor™ 500 can be used as an alternative for BD Horizon™ V500 or Pacific Orange®.

Tonbo Biosciences tests all antibodies by flow cytometry. Citations are provided as a resource for additional applications that have not been validated by Tonbo Biosciences. Please choose the appropriate format for each application and consult Materials and Methods sections for additional details about the use of any product in these publications.

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