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#40282

Mouse (MOPC-21) mAb IgG1 Isotype Control (violetFluor 450 Conjugate)

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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications:	Sensitivity:	Source/Isotype:
FC-FP, FC-L	Endogenous	Mouse IgG1

Product Usage Information

Dilute this control antibody to the same concentration (not dilution) as the specific antibody used in analysis. See product vial or Certificate of Analysis for antibody concentrations.

Storage

Supplied in 10 mM NaH₂PO₄, 150 mM NaCl, 0.09% NaN₃, 0.1% gelatin, pH 7.2. This product is stable for 12 months when stored at 4°C. Do not aliquot the antibody. Protect from light. Do not freeze.

Specificity/Sensitivity

The antibody is not directed against any known antigen. It functions as an isotype control for mouse monoclonal antibodies.

Description

This Cell Signaling Technology antibody is conjugated to violetFluor 450 under optimal conditions and tested in-house for direct flow cytometric analysis in human cells.

Background

Isotype control antibodies are used to estimate the nonspecific binding of target primary antibodies due to F_c receptor binding or other protein-protein interactions. An isotype control antibody should have the same immunoglobulin type and be used at the same concentration as the test antibody.

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Applications Key

FC-FP: Flow Cytometry (Fixed/Permeabilized) **FC-L:** Flow Cytometry (Live)

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