

# Technical Data Sheet

FlowMAb PE mouse IgG1 isotype control, unknown specificity



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## Lot Specific Information

**Lot Number:** Lot Specific\*  
**Volume:** Lot Specific\*  
**Concentration:** Lot Specific\* (generally 4 to 11 mg/ml) \*  
**Total Protein:** Lot Specific\*

\*This information will be noted on the certificate of analysis that ships with this product.

## Product Information

**Catalog Number:** FM0083-PE  
**Clone:** MOPC-21  
**Isotype:** Mouse IgG1,  $\kappa$   
**Conjugation:** PE  
**Excitation Source:** Yellow-Green 488 nm, 532 nm, 561 nm  
**Excitation Max:** 496 nm, 566 nm  
**Emission Max:** 576 nm  
**Formulation:** PBS, pH 6.5  
Contains 0.09% Sodium Azide  
**Production:** Purified from cell culture supernatant in an animal-free facility  
**Purification:** Protein G  
**RRID:** [AB\\_1107784](https://abnova.com/AB_1107784)

## Description

The MOPC-21 monoclonal antibody (IgG1, kappa) is ideal for use as a non-reactive isotype-matched control for mouse IgG1,  $\kappa$  antibodies in immunoassays and other applications of antibodies. The MOPC-21 antibody is produced by a mineral oil-induced plasmacytoma cell line. The MOPC-21 antibody was selected after screening on a variety of activated, resting, live, and fixed tissues from several species (mouse, rat, human, and non-human primates), and this antibody has unknown specificity. This R-phycoerythrin (R-PE or PE)-conjugated version of the MOPC-21 antibody is useful as an isotype control with mouse IgG1,  $\kappa$  antibodies for several immunoassays, including flow cytometry, immunofluorescence, immunohistochemistry (frozen), and immunohistochemistry (paraffin) applications.

## Storage

Store at the stock concentration at 4°C and protected from prolonged exposure to light . **Do not freeze.**

## Protocol Information

It is recommended that the reagent be carefully titrated for optimal performance in the assay of interest.

## Application References

For a complete list of references, visit [https://bioxcell.com/fm0083-pe?bxcs=9k1b3a#tab\\_references](https://bioxcell.com/fm0083-pe?bxcs=9k1b3a#tab_references) or scan the QR code below.



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