

Technical Data Sheet

FlowMAb FITC 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-FITC
Clone: MOPC-21
Isotype: Mouse IgG1, κ
Conjugation: FITC
Excitation Source: Blue 488 nm
Excitation Max: 494 nm
Emission Max: 518 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://eutils.ncbi.nlm.nih.gov/entrez/eutils/rrid.cgi?db=AB)

Description

The MOPC-21 monoclonal antibody (IgG1, kappa) is ideal for use as a non-reactive isotype-matched control for mouse IgG1, κ 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 fluorescein isothiocyanate (FITC)-conjugated version of the MOPC-21 antibody is useful as an isotype control with mouse IgG1, κ 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-fitc?bxcs=9k1b3a#tab_references or scan the QR code below.



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