

Technical Data Sheet

FlowMAb APC mouse IgG2a isotype control, unknown specificity



Attention: Use of this product constitutes an agreement to Bio X Cell's Terms and Conditions which are included with this product in print and can also be found at <https://bioxcell.com/terms-and-conditions>.

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: FM0085-APC
Clone: C1.18.4
Isotype: Mouse IgG2a, κ
Conjugation: APC
Excitation Source: Red 627-640 nm
Excitation Max: 651 nm
Emission Max: 660 nm
Formulation: PBS, pH 7.0
Contains 0.09% Sodium Azide
Production: Purified from cell culture supernatant in an animal-free facility
Purification: Protein G
RRID: [AB_1107771](https://eutils.ncbi.nlm.nih.gov/entrez/eutils/rrid.cgi?db=AB_1107771)

Description

The C1.18.4 monoclonal antibody (mouse IgG2a, κ) is ideal for use as a non-reactive isotype-matched control for mouse IgG2a, κ antibodies in immunoassays and other antibody applications. The C1.18.4 cell line originated from a spontaneous myeloma (X-5563) in a C3H mouse, and its specificity remains unknown. This allophycocyanin (APC)-conjugated version of the C1.18.4 antibody is useful as an isotype control with mouse IgG2a, κ antibodies for several immunoassays, including flow cytometry, immunofluorescence, immunohistochemistry (frozen), and immunohistochemistry (paraffin).

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/fm0085-apc?bxcs=9k1b3a#tab_references or scan the QR code below.



Bio X Cell, LLC

<https://bioxcell.com>

+1-866-787-3444

customerservice@bioxcell.com

Conditions: For research use only. Not for use in diagnostic or therapeutic procedures.

Not for resale.

Bio X Cell, Bio X Cell logo, and all other trademarks are the property of Bio X Cell, LLC © 2025 Bio X Cell, LLC