

Technical Data Sheet

FlowMAb APC anti-mouse CD19



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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: FM0150-APC
Clone: 1D3
Isotype: Rat IgG2a, κ
Conjugation: APC
Excitation Source: Red 627-640 nm
Excitation Max: 651 nm
Emission Max: 660 nm
Recommended Isotype Control(s): FlowMAb APC rat IgG2a isotype control, anti-trinitrophenol
Immunogen: K562 cells expressing the extracellular domain of mouse CD19
Reported Applications: Flow cytometry
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_10949187](https://abnova.com/AB_10949187)

Description

The 1D3 monoclonal antibody reacts with mouse CD19, a B cell-specific 95 kDa transmembrane glycoprotein of the immunoglobulin superfamily. CD19 contains two extracellular immunoglobulin-like domains and an extensive cytoplasmic tail. It functions as a positive regulator of B-cell receptor signaling in conjunction with CD21 and CD81. CD19 is highly expressed in most lymphomas and leukemias, including some early B-cell malignancies that do not express CD20. For these reasons, CD19 is quickly becoming an attractive alternative target for the immunotherapy of lymphoproliferative disorders. This allophycocyanin (APC)-conjugated version of the antibody is useful for flow cytometry.

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/fm0150-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

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