

Technical Data Sheet

FlowMAb APC anti-mouse CD80 (B7-1)



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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: FM0024-APC
Clone: 16-10A1
Isotype: Armenian Hamster IgG2
Conjugation: APC
Excitation Source: Red 627-640 nm
Excitation Max: 651 nm
Emission Max: 660 nm
Immunogen: CHO cell line transfected with mouse CD80
Reported Applications: Flow cytometry
Formulation: PBS, pH 8.0
Contains 0.09% Sodium Azide
Production: Purified from cell culture supernatant in an animal-free facility
Purification: Protein A
RRID: [AB_1107676](https://abnova.com/AB_1107676)

Description

The 16-10A1 monoclonal antibody reacts with mouse CD80 also known as B7-1. CD80 is a 60 kDa Ig superfamily member and is constitutively expressed by monocytes and dendritic cells. This protein is also expressed by activated B- and T-cells. CD80 binds to CD28 to provide a costimulatory signal necessary for T cell activation and survival, and cytokine production. Additionally, CD80 binds to CTLA-4 which inhibits T cells. This allophycocyanin (APC)-conjugated version of the 16-10A1 antibody is useful for flow cytometry and immunohistochemistry (frozen) 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/fm0024-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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