

Technical Data Sheet

FlowMAb PE anti-human CD3



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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: FM0001-2-PE
Clone: OKT-3
Isotype: Mouse IgG2a, κ
Conjugation: PE
Excitation Source: Yellow-Green 488 nm, 532 nm, 561 nm
Excitation Max: 496 nm, 566 nm
Emission Max: 576 nm
Immunogen: Not available or unknown
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_1107632](https://abnova.com/AB_1107632)

Description

The OKT-3 monoclonal antibody reacts with human CD3 ϵ , a 20 kDa transmembrane cell-surface protein that belongs to the immunoglobulin superfamily. CD3 ϵ is one of five polypeptide chains that combine to form the TCR complex. CD3 ϵ is expressed on T lymphocytes, NK-T cells, and, to varying degrees, on developing thymocytes. CD3 plays roles in TCR signaling, T lymphocyte activation, and antigen recognition. The OKT3 antibody clone can block the binding of clones SK7 and UCHT1. This R-phycoerythrin (R-PE or PE)-conjugated version of the OKT-3 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/fm0001-2-pe?bxcs=9k1b3a#tab_references or scan the QR code below.



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