Store at 4°C

PE/Cy5 Anti-Human CD3 (OKT3) Monoclonal Antibody

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Catalog Number	Vial Size
H10032-35G	25 tests
H10032-35H	100 tests

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.
This product is guaranteed up to one year from purchase.

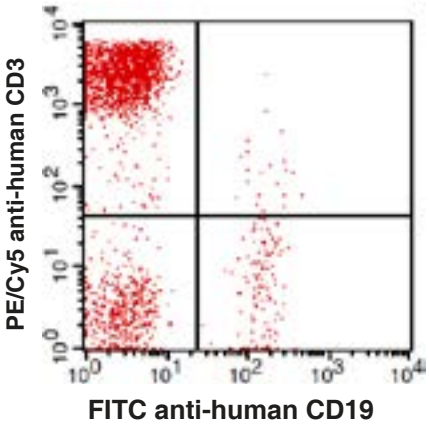
Purified Antibody Characterization

Clone	Isotype	Reactivity
OKT3	Mouse IgG2a	Human

Description

CD3ε is a 20 kD chain of the CD3/T-cell receptor (TCR) complex which is composed of two CD3ε, one CD3γ, one CD3δ, one CD3ζ (CD247), and a T-cell receptor (α/β or γ/δ) heterodimer. It is found on all mature T lymphocytes, NK-T cells, and some thymocytes. CD3, also known as T3, is a member of the immunoglobulin superfamily that plays a role in antigen recognition, signal transduction, and T cell activation. The OKT3 antibody is able to induce T cell activation.

Illustration of Immunofluorescent Staining



Human peripheral blood lymphocytes stained with FITC anti-human CD19 and PE/Cy5 anti-human CD3

Product Information

Conjugation: PE/Cy5

Formulation: PBS pH 7.2, 0.09% NaN_3, 0.2% BSA

Storage: Keep as concentrated solution. Store at 4°C and protected from prolonged exposure to light. **Do not freeze.**

Application: Recommended Application: FC

Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis (The amount of the reagent is suggested to be used from 20 µL to 5 µL per 100 µL of peripheral blood. Please check your vial). Since applications vary, the appropriate dilutions must be determined for individual use.

References

[1] Barclay, N., et al. 1993. The Leucocyte FactsBook. Academic Press. San Diego.

[2] Beverly, P., et al. 1981. Eur. J. Immunol. 11:329.

[3] Lanier, L., et al. 1986. J. Immunol. 137:2501-2507.

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