

AF/LE Purified Anti-Human CD3 Antibody[OKT3]

Catalog No. E-AB-F10010

Note: Centrifuge before opening to ensure complete recovery of vial contents.

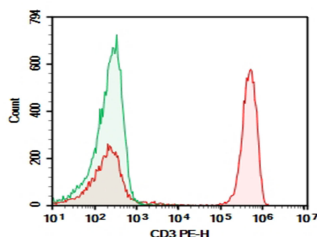
Description

Reactivity	Human
Immunogen	Recombinant Human CD3 protein
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone	OKT3
Purification	>98%, Protein A/G purified
Conjugation	Unconjugated
Buffer	Sterile PBS. < 1.0 EU per mg of the antibody as determined by the LAL method

Applications Recommended Dilution

FCM 2 μ g/ml(1×10^5 - 5×10^5 cells)

Data



Human peripheral blood lymphocytes were stained with 0.2 μ g AF/LE Purified Anti-Human CD3 Antibody[OKT-3](Right) and 0.2 μ g Mouse IgG2a, κ Isotype Control(Left), followed by PE-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

Storage Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.

Background

CD3 ϵ is a 20 kD chain of the CD3/T cell receptor (TCR) complex, which is composed of two CD3 ϵ , one CD3 γ , one CD3 δ , one CD3 ζ (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.

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