

## Purified Anti-Human CD3 Antibody[OKT-3]

catalog number: E-AB-F1001A

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

### Description

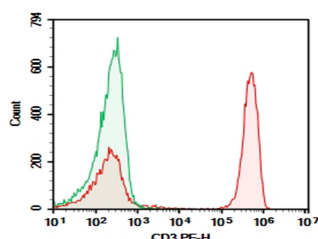
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human CD3 protein
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2a, κ
<b>Clone</b>	OKT3
<b>Purification</b>	>98%, Protein A/G purified
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

### Applications

### Recommended Dilution

<b>FCM</b>	2 µg/mL( $0.5 \times 10^6$ - $1 \times 10^6$ cells)
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### Data



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

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

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.