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## 10-4089-P: Monoclonal Antibody to CD3 (Clone: OKT3) PE Conjugated

Clonality: Monoclonal Clone Name: OKT3 Application: **FACS** Reactivity: Human Conjugate: PΕ Gene: CD3D Gene ID: 915 **Uniprot ID:** P04234 Format: Purified CD3D,T3D **Alternative Name:** 

**Isotype:** Mouse IgG2a Kappa

Immunogen Information: Human PBMCs were used as immunogen for the CD3 antibody.

## **Description**

CD3D is one of the several invariant chains that the variable chains of TCR: Alpha beta or Gamma delta TCR contains, and which support surface TCR expression and transduce the TCR signal. CD3D, along with four other CD3 subunits, binds either TCR alpha/beta or TCR gamma/delta to form the TCR/CD3 complex on the surface of T-cells. Defects in this gene are a cause of severe combined immunodeficiency autosomal recessive T-cell-negative/B-cell-positive/NK-cell-positive (SCIDBNK).

## **Product Info**

Amount: 25 Test / 100 Test

**Purification :** Protein G Chromatography

**Content :** 0.04 mg/ml in PBS with 0.05% Azide.

**Storage condition :** Store the antibody at 4°C, stable for 6 months.

## **Application Note**

FACS analysis: 0.1- 0.5 µg/10^6 cells

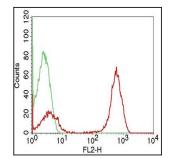


Fig-1: Cell surface flow analysis of CD3 in PBMC using 0.1  $\mu$ g/10^6 cells. Green represents isotype control; red represents anti-hCD3 antibody conjugated with PE (10-4089PE).