ABGENEX Pvt. Ltd., E-5, Infocity, KIIT Post Office, Tel: +91-674-2720712, +91-9437550560 Email: info@abgenex.com Bhubaneswar, Odisha - 751024, INDIA

10-4089-AC: Monoclonal Antibody to CD3 (Clone: OKT3) APC Conjugated

Clonality: Monoclonal

Clone Name: OKT3 Application: **FACS** Reactivity: Human Conjugate: APC CD3D Gene: 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

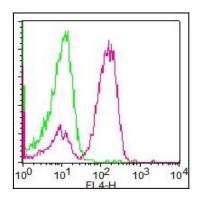


Fig-1: Cell surface flow analysis of hCD3 in PBMC using 0.5 μ g/10^6 cells. Green represents isotype control (ABEOMICS); red represents APC conjugated anti-hCD3 antibody (10-4089AC).