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10-4089-F: Monoclonal Antibody to CD3 (Clone: OKT3) FITC Conjugated

Clonality: Monoclonal

Clone Name: ОКТ3 **FACS** Application: Reactivity: Human Conjugate: FITC 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 : $25 \mu g / 100 \mu g$

Purification: Protein G Chromatography

Content: 0.2 mg/ml in Tris buffer containing 0.05% Azide **Storage condition:** Store the antibody at 4°C, stable for 6 months.

Application Note

FACS analysis: 0.5 μg/10⁶ cells

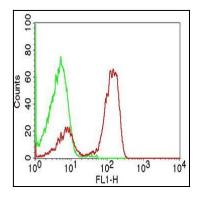


Fig-1: Cell surface flow analysis of hCD3 in PBMC using 0.5 μ g/10^6 cells. Green represents isotype control (ABEOMICS); red represents FITC conjugated anti-hCD3 antibody (10-4089F).