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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 :	PE
Gene :	CD3D
Gene ID :	915
Uniprot ID :	P04234
Format :	Purified
Alternative Name :	CD3D,T3D
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

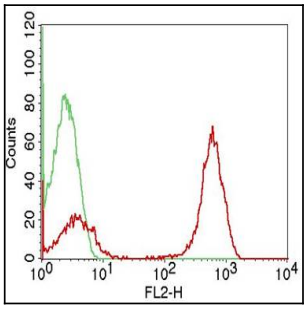


Fig-1: Cell surface flow analysis of CD3 in PBMC using 0.1 µg/10^6 cells. Green represents isotype control; red represents anti-hCD3 antibody conjugated with PE (10-4089PE).

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