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10-4089-NALE: NALE™ Monoclonal Antibody to CD3 (Clone: OKT3) (No Azide Low Endotoxin)

Clonality: Monoclonal

Clone Name: OKT3
Application: FACS
Reactivity: Human
Gene: CD3D
Gene ID: 915
Uniprot ID: P04234

Format : Azide Free, Purified

Alternative Name: CD3D,T3D

Isotype: Mouse IgG2a Kappa

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

Description

CD3 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: $100 \mu g$

Purification: Protein G Chromatography

Content: 25 μg in 50 μl/100 μg in 200 μl PBS containing No azide, low endotoxin (0.1EU/1ug).

Storage condition : Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

FACS analysis: 0.1 µg/10^6 cells

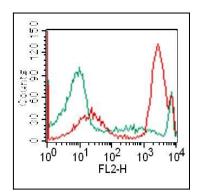


Fig-1: Cell Surface flow analysis of hCD3 in PBMC (Lymphocytes gated) using 0.1 μ g/10^6 cells. Green represents isotype control (ABEOMICS); red represents anti-hCD3 antibody (10-4089). Goat anti-mouse PE conjugated secondary antibody was used (ABEOMICS).