

Anti-Human CD3 (OKT-3) Antibody

Product Code: ICH5024A-0.1mg

More Information

Species Reactivity: Human

Target: CD3e

Concentration: 5mg/ml

Isotype: Mouse IgG2a CH1+Human IgG1 CH2+CH3-Mouse Kappa

Size: 0.1mg

UniProt: P07766

Shipping Conditions: Blue ice

background: CD3 epsilon is a core component of the TCR-CD3 complex and a defining marker for T-cell engagement, detection, and stimulation in immunology research. This OKT-3-format antibody recognises human CD3e and is widely applied to activate and characterise T-cell populations. Anti-CD3 OKT-3 is supplied in a low-endotoxin format suitable for in vivo use and produced in scalable milligram to gram quantities for bulk and high-throughput laboratories. Offered for research use only as a non-therapeutic reagent, it provides dependable, reproducible performance for T-cell activation studies and immune-function research.

Other names: OKT-3

Specificity: Detects human CD3 epsilon OKT-3.

Purification Method: This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Formulation: Sterile, preservative-free, solution in PBS. BSA and Azide free.

Purity: >95% by SDS-PAGE



Endotoxin: ≤ 1.0 EU/mg as determined by the LAL method

Storage: This biosimilar is stable when stored at 2-8°C. For longer term storage (> 3 months) it is recommended to store this antibody at -20°C or -70°C.

Application Notes: This biosimilar is for research use only (RUO): it is not for diagnostic or therapeutic procedures and cannot be purchased by patients.

Use: Products are for research use only. Not for use in diagnostic or therapeutic procedures.