

# Bulk Anti-Human CD3 (OKT-3) Antibody

**Product Code:** ICH1257

**More Information**

**Species Reactivity:** Human

**Target:** CD3e

**Concentration:** >5mg/ml

**Isotype:** Mouse IgG2a

**Host:** Mouse

**product name H2:** Bulk Anti-Human CD3 (OKT-3) Antibody

**Buffer:** ICH3002

**UniProt:** P07766

**Shipping Conditions:** Blue ice

**background:** CD3-epsilon is a signalling subunit of the T-cell receptor complex and a defining marker of T lymphocytes, essential to TCR-mediated activation. Clone OKT-3 is a mouse IgG2a monoclonal antibody recognising human CD3-epsilon, validated for blocking, depletion, functional assays, flow cytometry, immunofluorescence, and radioimmunoassay. Anti-CD3 OKT-3 is supplied in a low-endotoxin format suitable for in vivo use and manufactured in scalable milligram to gram quantities for bulk and high-throughput laboratories. As a research-use-only, non-therapeutic reagent, it delivers reproducible, lot-consistent performance for human T-cell activation and immunology research.

**Other names:** OKT-3

**clone:** OKT-3

**Specificity:** Detects human CD3 epsilon



**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:**  $\leq 1.0$  EU/mg as determined by the LAL method

**Storage:** This antibody 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.

**Applications:** Blocking, Depletion, Functional Assays, Flow Cytometry, Immunofluorescence, RIA

**Application Notes:** This antibody 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.