

## Anti-CD3 epsilon [OKT-3 (muromonab)] Standard Size Ab00122-2.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

NOT FOR THERAPEUTIC USE - This is a research-grade biosimilar. This is a chimeric antibody created for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse IgG2a, [Fc Silent™](#), Kappa

**Clone Number:** OKT-3 (muromonab)

**Alternative Name(s) of Target:** CD3e; T-cell surface glycoprotein CD3 epsilon chain; T-cell surface antigen T3/Leu-4 epsilon chain; CD3e; OKT3

**UniProt Accession Number of Target Protein:** P07766

**Published Application(s):** FC

**Published Species Reactivity:** Human

**Immunogen:** Human peripheral E+ cells.

**Specificity:** Epitope on the epsilon-subunit within the human CD3 complex.

**Application Notes:**

**Antibody First Published in:** Kung P, Goldstein G, Reinherz EL, Schlossman SF. Monoclonal antibodies defining distinctive human T cell surface antigens. Science. 1979 Oct 19;206(4416):347-9. [PMID:314668](#)

**Note on publication:** Describes the making of the mouse monoclonal antibodies directed against the epsilon-subunit of human CD3.

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic

procedures for humans or animals.