

Anti-CD3 epsilon [OKT-3 (muromonab)] Standard Size Ab00122-21.0

This antibody does not have a J-chain and therefore presents as a hexamer, rather than a pentamer.

This reformatted mouse antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgM, 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: 50 µg Purified antibody.

Purification: Affinity Purified using a recombinant lectin column

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.