

Anti-CD3 epsilon [OKT-3 (muromonab)] Standard Size Ab00122-19.0

This antibody does not have a J-chain and is monomeric, i.e. it presents with two Fab arms and one Fc domain.

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 IgA, 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.