

Anti-CD3 epsilon [500A2] Standard Size Ab00121-1.1

This is a chimeric mouse antibody, based on the original hamster IgG format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1, Kappa

Clone Number: 500A2

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

UniProt Accession Number of Target Protein: P22646

Published Application(s): Activate, FC

Published Species Reactivity: Mouse

Immunogen: T cell receptor complexes derived from mouse C6VL-BS thymoma cells (C57BL/Ka) .

Specificity: The 25-kDa ϵ chain of the T-cell receptor-associated CD3 complex expressed on thymocytes, mature T lymphocytes, and NK-T cells on many mouse stains.

Application Notes: This antibody binds to murine CD3 epsilon. It partially cross-blocks binding of clone 145-2C11 (Ab00112) indicating that overlapping epitopes are detected by these antibodies.

Antibody First Published in: Allison, J. P. The T Cell Receptor UCLA Symposia on Molecular and Cellular Biology, New Series (eds Kappler, J. & Davies, M.) (Lissabon, New York, 1987) [PMID:n/a](#)

Note on publication: Describes the making of the hamster monoclonal antibodies directed against the epsilon chain of murine 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.