

Anti-CD3 epsilon [145-2C11] Vivopure 10 mg Ab00105-6.1-VPT

This chimeric rat antibody was made using the variable domain sequences of the original Hamster IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rat IgG1, Kappa

Clone Number: 145-2C11

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

UniProt Accession Number of Target Protein: P22646

Published Application(s): activation, IP, WB, FC

Published Species Reactivity: Mouse

Immunogen: H-2Kb-specific murine cytotoxic T-lymphocyte (CTL) clone.

Specificity: Recognises a 25-kDa protein component (CD3e, originally called T3-e) of the antigen-specific T-cell receptor.

Application Notes:

Antibody First Published in: Leo O, Foo M, Sachs DH, Samelson LE, Bluestone JA. Identification of a monoclonal antibody specific for a murine T3 polypeptide. Proc Natl Acad Sci U S A. 1987 Mar;84(5):1374-8.

[PMID:2950524](#)

Note on publication: Describes the making of the antibody, shows it recognises a 25-kDa protein component (T3-e) of the antigen-specific T-cell receptor.

Product Form

Size: 10 mg Vivopure products are produced at high purity (>98%), low endotoxin (<0.5 EU/mg) and are formulated without preservatives. As a result Vivopure products are the ideal choice for in vivo research applications.

Purification: Protein A affinity purified

Supplied In: PBS only, with >98% antibody purity and <1 EU/mg guaranteed.

Storage Recommendation: All vivopure products are formulated in PBS only without addition of preservatives. To ensure optimal storage and prevent microbial contamination, only open and dispense

under sterile conditions.

Concentration: $\geq 1\text{mg}$ (see vial label for exact conc)

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