

## Anti-CD3 epsilon [145-2C11] Vivopure 10 mg Ab00105-1.4-VPT

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

This chimeric mouse 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:** Mouse IgG1, [Fc Silent™](#), 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:**  $\geq 1$ 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.