

## Anti-CD3 epsilon [145-2C11] Vivopure 100 mg Ab00105-1.1-VPB

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, 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:** 100 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. Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**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.