

## Anti-CD4 epitope A [YTS 191.1] Vivopure 100 mg Ab00206-2.3-VPB

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 Rat IgG2b format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse IgG2a, [Fc Silent™](#), Kappa

**Clone Number:** YTS 191.1

**Alternative Name(s) of Target:** Leu3/T4; CD4; T-cell surface glycoprotein CD4; T-cell differentiation antigen L3T4; T-cell surface antigen T4/Leu-3; YTS191; YTS-191; YTS191.1

**UniProt Accession Number of Target Protein:** P06332

**Published Application(s):** FC, IHC

**Published Species Reactivity:** Mouse

**Immunogen:** Murine thymocytes.

**Specificity:** Recognizes the murine CD4 cell surface antigen, expressed by a subset of T lymphocytes including helper/inducer subset of murine T cells.

**Application Notes:**

**Antibody First Published in:** Cobbold SP, Jayasuriya A, Nash A, Prospero TD, Waldmann H. Therapy with monoclonal antibodies by elimination of T-cell subsets in vivo. Nature. 1984 Dec 6-12;312(5994):548-51.

[PMID:6150440](#)

**Note on publication:**

### 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.