

## Anti-CD4 epitope B [YTA 3.1] Vivopure 100 mg Ab00207-8.4-VPB

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

**Isotype and Format:** Rat IgG2b, [Fc Silent™](#), Kappa

**Clone Number:** YTA 3.1

**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; YTA3; YTA-3

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

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

**Published Species Reactivity:** Mouse

**Immunogen:** Concanavalin A (Con-A)-activated mouse splenocytes.

**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:** Qin S, Cobbold S, Tighe H, Benjamin R, Waldmann H. CD4 monoclonal antibody pairs for immunosuppression and tolerance induction. Eur J Immunol. 1987 Aug;17(8):1159-65.

[PMID:2441998](#)

**Note on publication:** Describes the preparation of antibody and characterisation of the specificities by immunofluorescence imaging and flow cytometry.

## 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.