

Anti-CD4 epitope B [YTA 3.1] Vivopure 25 mg Ab00207-8.4-VPS

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: 25 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.