Anti-CD4 epitope B [YTA 3.1] Vivopure 100 mg Ab00207-1.1-VPB

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 IgG1, 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 4ºC for up to 3 months. For longer storage, aliquot and store at -20ºC.
Concentration: >=1mg (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.