

Anti-CD4 epitope A [YTS 177.9] Vivopure 10 mg Ab00205-1.1-VPT

This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1, Kappa

Clone Number: YTS 177.9

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; YTS177; YTS-177; YTS177.9

UniProt Accession Number of Target Protein: P06332

Published Application(s): FC, IHC

Published Species Reactivity: Mouse

Immunogen: Mouse spleen cells.

Specificity: Recognises CD4, a MHC type II antigen expressed by most T helper cells and normal thymocytes commonly found in human lymph nodes and tonsils.

Application Notes:

Antibody First Published in: Nabozny GH et al. Suppression in murine experimental autoimmune thyroiditis: in vivo inhibition of CD4+ T cell-mediated resistance by a nondepleting rat CD4 monoclonal antibody. Cell Immunol. 1991 Nov;138(1):185-96 [PMID:1680568](#)

Note on publication:

Product Form

Size: 10 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.