

Anti-CD4 epitope A [YTS 177.9] VivopureX 25 mg Ab00205-2.0-VXX

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 IgG2a, 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: 25 mg VivopureX products are produced at high purity (>98%), low endotoxin (<0.5 EU/mg) and are formulated without preservatives. These antibodies are chimerized to have an Fc domain matching their target species to reduce immunogenicity and give you the optimal effector function for your experiment. As a result VivopureX products are the ideal choice for in vivo research applications.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: All VivopureX 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.