

## Anti-CD5 [YTS 121.5.2] Vivopure 100 mg Ab00208-8.4-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:** YTS 121.5.2

**Alternative Name(s) of Target:** Lyt-1; T-cell surface glycoprotein CD5; Lymphocyte antigen 1; Ly-1; Lyt-1; YTS121; YTS-121

**UniProt Accession Number of Target Protein:** P13379

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

**Published Species Reactivity:** Mouse

**Immunogen:** CBA mouse thymocytes.

**Specificity:** Recognises murine CD5 (Lyt-1) a cell surface glycoprotein expressed by 95% of T-lymphocytes and 72% of peripheral blood lymphocytes.

**Application Notes:**

**Antibody First Published in:** Cobbold SP, Jayasuriya A, Nash A, Prospero TD, Waldmann H. Therapy with monoclonal antibodies by elimination of T-cell subsets in vivo. Nature. 1984 Dec 6-12;312(5994):548-51.

[PMID:6150440](#)

**Note on publication:**

## 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:** ≥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.