

## Anti-Thy1.1 [OX7] Vivopure 100 mg Ab00109-1.1-VPB

**Isotype and Format:** Mouse IgG1, Kappa

**Clone Number:** OX7

**Alternative Name(s) of Target:** CD90; Thy-1 antigen; OX-7

**UniProt Accession Number of Target Protein:** P01830

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

**Published Species Reactivity:** Rat, Mouse

**Immunogen:** Rat Thy- 1L+ antigen in complete Freund's adjuvant.

**Specificity:** Rat CD90, also known as Thy1.1, a GPI-anchored membrane protein containing a single V type Ig-like domain.

**Application Notes:** This antibody binds to Thy1.1, which is allelically restricted between different host strains. Administration of OX7 leads to anti-Thy1 Glomerulonephritis.

**Antibody First Published in:** Mason DW, Williams AF. The kinetics of antibody binding to membrane antigens in solution and at the cell surface. Biochem J. 1980 Apr 1;187(1):1-20. [PMID:6967725](#)

**Note on publication:** Describes the generation of the antibody, shows it recognised Thy1.1 (Thy-1) by immuno-blotting of cell lines including thymocytes, neuronal cells, stem cells, immature B cells and connective tissues.

## 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.