

Anti-Thy1.1 [OX7] Standard Size Ab00109-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original murine IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, 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 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.