

## Product datasheet for **CL037PS**

### Thy1 Mouse Monoclonal Antibody [Clone ID: T11D7e]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	T11D7e
Applications:	CT, FC
Recommended Dilution:	<b>Cytotoxic Assays.</b> <b>Flow Cytometry:</b> Use 10 µl of 1/5 diluted antibody to label 1 <sup>0</sup> cells in 100 µl. This product is routinely tested in Flow Cytometry using Mouse thymocytes.
Reactivity:	Mouse, Rat
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	Xenogeneic rat thymocytes. Spleen cells from immunised CBA mice were fused with cells of the mouse NS1 myeloma cell line.
Specificity:	This antibody recognises Mouse and Rat CD90 also known as Thy1.1. Thy1.1 is a monomorphic determinant in rat but polymorphic in mice. Clone <i>T11D7e</i> reacts with Thy1.1 mice e.g. AKR and FVB mice, but not Thy1.2 mice such as CBA and BALB/c. Clone <i>T11D7e</i> is useful for removal of T lymphocytes from cell populations by complement mediated cytotoxicity.
Formulation:	PBS State: Purified State: Liquid purified IgM fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b>
Stability:	Shelf life: one year from despatch.



[View online »](#)

**Gene Name:** thymus cell antigen 1, theta

**Database Link:** [Entrez Gene 21838 Mouse P01831](#)

**Background:** CD90 (Thy1) antigen is a GPI linked glycoprotein member of the Immunoglobulin superfamily. It is expressed on murine T cells, thymocytes, neural cells, cells of granulocytic lineage, early hematopoietic progenitors, fibroblasts, neurons and Kupffer's cells. Thy1 may play a role in cell to cell or cell to ligand interactions during synaptogenesis and other events in the brain. It is found in most mouse strains except AKR/J, A, Thy1.1 and B6.PL (74NS) expressing Thy1.1

**Synonyms:** Thy-1, THY1, CDw90