

Product datasheet for **AM05504PU-N**

Thy1 Mouse Monoclonal Antibody [Clone ID: F7D5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	F7D5
Applications:	CT, FC
Recommended Dilution:	Flow Cytometry: 1/10 - 1/25. Cytotoxic Assays.
Reactivity:	Mouse
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Specificity:	This antibody recognises the mouse Thy1.2 alloantigen, expressed by thymocytes and peripheral T lymphocytes. Clone F7D5 reacts with Thy1.2 mice such as CBA and BALB/C, but not with Thy1.1 mice eg. AKR and FUB. The antibody is particularly useful for removal of T lymphocytes from cell populations by complement mediated cytotoxicity. This product is routinely tested in flow cytometry using mouse thymocytes.
Formulation:	State: Purified State: Liquid purified IgM containing 0.09% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	thymus cell antigen 1, theta
Database Link:	Entrez Gene 21838 Mouse P01831



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- 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