

Product datasheet for **SM2128P**

Thy1 Rat Monoclonal Antibody [Clone ID: FF-10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	FF-10
Applications:	FC, IHC, IP, WB
Recommended Dilution:	Flow Cytometry (1/50-1/100). Immunohistochemistry on Frozen Sections. Immunoprecipitation. Western Blot.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	EL-4 cells. Spleen cells from immunised Sprague-Dawley rats were fused with cells from the mouse SP2/0 - Ag14 myeloma cell line.
Specificity:	This antibody recognises the Thy1.2 cell surface antigen, and binds to T cell lines (EL-4, 3A9), T lymphocytes and the WEH1-3 cell line. 3T3 fibroblasts are also stained by this antibody. This clone recognises a 30kD glycoprotein in Immunoprecipitation and Western blotting assays. The antibody strongly induces homotypic adhesion of Thy1.2 positive cell lines.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G.
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.



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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