

Product datasheet for **AM08055PU-N**

Thy1 Rat Monoclonal Antibody [Clone ID: 30-H12]

Product data:

Product Type:	Primary Antibodies
Clone Name:	30-H12
Applications:	FC, FN, IHC
Recommended Dilution:	Flow Cytometry: < / = 1 µg/10e6 cells. (Ref.4,5) Immunohistochemistry on Frozen Sections. (Ref.6) <i>In vivo</i> and <i>in vitro</i> Depletion of T Cells. (Ref.7,8)
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Specificity:	This antibody recognises CD90.2/Thy-1.2 alloantigen (Mr. 18 kDa). It does not cross react with Mouse and Rat strains bearing the Thy-1.1 alloantigen (e.g., AKR/J,PL). (Ref.2-5).
Formulation:	100 mM Borate Buffered Saline, pH 8.2. No preservatives or amine-containing buffer salts added. State: Purified State: Liquid purified Ig fraction.
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/Thy-1 is a GPI-anchored molecule and one of the smallest members of the immunoglobulin superfamily, consisting of a single V-set domain. (Ref.1-3)
The Thy-1.2 alloantigen is expressed on all thymocytes, peripheral T lymphocytes, and some intraepithelial T cells of most mouse strains. It is also expressed in the brain and at varying levels on other non-lymphoid tissues.

Synonyms:

Thy1.2, Thy-1.2, CD90, Thy-1