

**ARG20977**  
**anti-CD90.2 / Thy 1.2 antibody [30-H12] (PE-Cyanine 5)**Package: 50 µg  
Store at: 4°C

### Summary

Product Description	PE-Cyanine 5-conjugated Rat Monoclonal antibody [30-H12] recognizes CD90.2 / Thy 1.2
Tested Reactivity	Ms
Tested Application	Depletion, FACS, ICC/IF, IHC-Fr
Specificity	Mouse CD90.2. The clone 30-H12 does not cross react with mouse and rat strains bearing the Thy-1.1 alloantigen (e.g., AKR/J, PL).
Host	Rat
Clonality	Monoclonal
Clone	30-H12
Isotype	IgG2b, kappa
Target Name	CD90.2 / Thy 1.2
Antigen Species	Mouse
Immunogen	Mouse thymus or spleen.
Conjugation	PE-Cyanine 5
Alternate Names	Thy-1 membrane glycoprotein; Thy-1 antigen; CD antigen CD90; CDw90; CD90

### Application Instructions

Application table	Application	Dilution
	Depletion	Assay-dependent
	FACS	< 0.2 µg/10 <sup>6</sup> cells
	ICC/IF	Assay-dependent
	IHC-Fr	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Calculated Mw	18 kDa	

### Properties

Form	Liquid
Buffer	PBS, 0.1% Sodium azide and Sucrose.
Preservative	0.1% Sodium azide
Stabilizer	Sucrose
Concentration	0.1 mg/ml

**Storage instruction** Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note** For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

**Database links** [GeneID: 21838 Mouse](#)

[Swiss-port # P01831 Mouse](#)

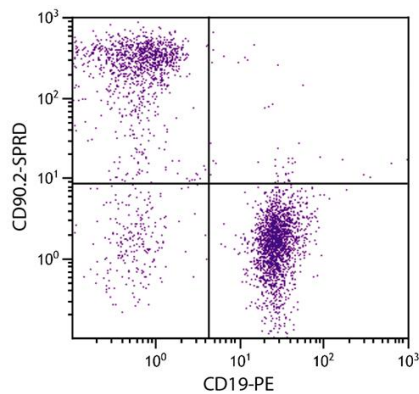
**Gene Symbol** THY1

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

**Background** This gene encodes a cell surface glycoprotein and member of the immunoglobulin superfamily of proteins. The encoded protein is involved in cell adhesion and cell communication in numerous cell types, but particularly in cells of the immune and nervous systems. The encoded protein is widely used as a marker for hematopoietic stem cells. This gene may function as a tumor suppressor in nasopharyngeal carcinoma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015]

**Function** May play a role in cell-cell or cell-ligand interactions during synaptogenesis and other events in the brain. [UniProt]

## Images



ARG20977 anti-CD90.2 / Thy 1.2 antibody [30-H12] (PE-Cyanine 5)  
FACS image

Flow Cytometry: BALB/c Mouse splenocytes stained with ARG20977 anti-CD90.2 / Thy 1.2 antibody [30-H12] (PE-Cyanine 5) and [ARG20852](#) anti-CD19 antibody [6D5] (PE).