

## ARG42274 anti-CD90.2 / Thy 1.2 antibody [1aG4/C5] (PE)

Package: 100 µg  
Store at: 4°C

### Summary

Product Description	PE-conjugated Mouse Monoclonal antibody [1aG4/C5] recognizes CD90.2 / Thy 1.2
Tested Reactivity	Ms
Species Does Not React With	Hu, Rat
Tested Application	FACS
Specificity	The mouse monoclonal antibody 1aG4/C5 recognizes alloantigen Thy-1.2 of mouse Thy-1 (CD90); it does not cross-react with Thy-1.1 alloantigen. Thy-1 is an 18-35 kDa cell surface GPI anchored glycoprotein (immunoglobulin superfamily); in mouse it is abundant on thymocytes and peripheral T lymphocytes.
Host	Mouse
Clonality	Monoclonal
Clone	1aG4/C5
Isotype	IgG3
Target Name	CD90.2 / Thy 1.2
Species	Mouse
Immunogen	Thymocytes from C3H/Di mice (CD90.2 / Thy 1.2 positive).
Conjugation	PE
Alternate Names	Thy-1 membrane glycoprotein; Thy-1 antigen; CD antigen CD90; CDw90; CD90

### Application Instructions

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>FACS</td><td>1 - 2 µg/ml</td></tr> </table>	Application	Dilution	FACS	1 - 2 µg/ml
Application	Dilution				
FACS	1 - 2 µg/ml				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				

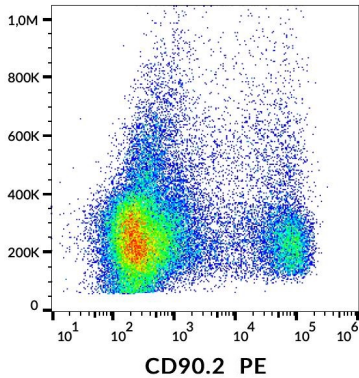
### Properties

Form	Liquid
Purification	Purified
Buffer	PBS and 15 mM Sodium azide.
Preservative	15 mM Sodium azide
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.

Bioinformation

Gene Symbol	THY1
Gene Full Name	Thy-1 cell surface antigen
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]
Calculated Mw	18 kDa
Cellular Localization	Cell membrane; Lipid-anchor, GPI-anchor. [UniProt]

Images



ARG42274 anti-CD90.2 / Thy 1.2 antibody [1aG4/C5] (PE) FACS image

Flow Cytometry: Murine splenocytes stained with ARG42274 anti-CD90.2 / Thy 1.2 antibody [1aG4/C5] (PE).