

ARG56079
anti-CD90 / Thy 1 antibody [AF-9]Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [AF-9] recognizes CD90 / Thy 1
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF
Host	Mouse
Clonality	Monoclonal
Clone	AF-9
Isotype	IgG1, kappa
Target Name	CD90 / Thy 1
Species	Human
Immunogen	Human T-lymphoma cells.
Conjugation	Un-conjugated
Alternate Names	Thy-1 membrane glycoprotein; Thy-1 antigen; CD antigen CD90; CDw90; CD90

Application Instructions

Application table	Application	Dilution
	FACS	0.5 - 1 µg/10 ⁶ cells
	ICC/IF	0.5 - 1 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	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 0.1 mg/ml BSA
Preservative	0.05% Sodium azide
Stabilizer	0.1 mg/ml BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. 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: 7070 Human Swiss-port # P04216 Human
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 surface