

CD90 / Thy1 (Mesenchymal Cell Marker) Antibody

Mouse Monoclonal Antibody [Clone F15-42-1]

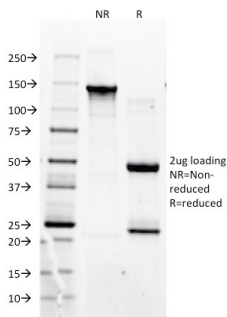
Catalog No	Format	Size
7070-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
7070-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
7070-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

Product Details	
Clone	F15-42-1
Gene Name	Thy-1
Immunogen	Purified human brain Thy1
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	18-35kDa
Cellular Localization	Cell membrane
Species Reactivity	Human, Monkey
Positive Control	CCRF-CEM or MOLT-4 cells. Human uterus., IMR-32

*Optimal dilution for a specific application should be determined.

Product Images for CD90 / Thy1 (Mesenchymal Cell Marker) Antibody



SDS-PAGE Analysis of Purified CD90 Mouse Monoclonal antibody (F15-42-1).
Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

CD90(Thy-1) is an 18-35kDa GPI-anchored plasma membrane glycoprotein expressed in many cell types, such as in hematopoietic cells and neurons, connective tissues, various fibroblast and stromal cell lines, tumor endothelial cell lines and others. It is involved in T-cell activation, cellular adhesion, proliferation and migration, neurite outgrowth, wound healing, apoptosis, and fibrosis. CD90 participates in multiple signaling cascades and its effects are tissue- and cell type-specific. It often functions as an important regulator of cell-cell and cell-matrix interactions.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Hematopoietic Stem Cells, Mesenchymal Stem Cell Differentiation, Neuroscience, Nuclear Marker

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.