

CD90 / Thy1 (Mesenchymal Cell Marker) Antibody

Mouse Monoclonal Antibody [Clone F15-42-1]

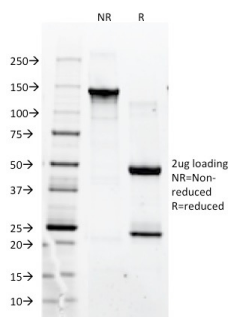
| Catalog No | Format | Size |
|-----------------|---|--------|
| 7070-MSM1-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 7070-MSM1-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 7070-MSM1-P1ABX | Purified Ab WITHOUT BSA and Azide at 1.0mg/ml | 100 ug |

| 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

Neuroscience, Hematopoietic Stem Cells, Mesenchymal Stem Cell Differentiation, 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.