

**THY1 / CD90 Mouse anti-Human Monoclonal (AF-9) Antibody - LS-C202111 - LSBio**

<b>CatalogID:</b>	LS-C202111
<b>Target:</b>	Thy-1 cell surface antigen (THY1)
<b>Synonyms:</b>	THY1 Antibody, CD90 antigen Antibody, CD90 Antibody, CDw90 Antibody, Thy-1 antigen Antibody, Thy-1 T-cell antigen Antibody, Thy-1 Antibody, Thy-1 cell surface antigen Antibody, Thy-1 membrane glycoprotein Antibody
<b>Host</b>	THY1 antibody was produced in Mouse
<b>Clonality:</b>	Monoclonal
<b>Isotype:</b>	IgG1
<b>Clone Name:</b>	AF-9
<b>Immunogen Species:</b>	THY1 / CD90 antibody was raised against Human
<b>Antigen Type:</b>	Cells
<b>Immunogen:</b>	THY1 / CD90 antibody was raised against t cell lymphoma cells.
<b>Specificity:</b>	CD90 is also known as Thy-1 antigen and a member of the immunoglobulin superfamily. It may contribute to inhibition of proliferation/differentiation of hematopoietic stem cells and neuron memory formation in the CNS. It consists of a single Ig domain (112 amino acids; 25-35 kD) inserted into the cell membrane via a GPI anchor. Expressed by hematopoietic stem cells and neurons in all species studied. Its highly expressed in connective tissue and various fibroblast and stromal cell lines, expressed on all thymocytes and peripheral T cells in mice, but in humans expressed only on small % fetal thymocytes, 10-40% of CD34+ cells in bone marrow, and <1% of CD3+CD4+ lymphocytes in peripheral circulation. It is also expressed by human lymph node HEV endothelium but not other endothelia. Lastly, it is expressed by a limited number of lymphoblastoid and leukemic cell lines.
<b>Reactivity:</b>	Human
<b>Purification:</b>	Purified
<b>Presentation:</b>	PBS, 0.05% sodium azide
<b>Recommended Storage:</b>	Store at 4°C.
<b>Uses:</b>	IHC - Frozen, Flow Cytometry, ELISA (Optimal dilution to be determined by the researcher)
<b>Size:</b>	100 µg
<b>Requested From:</b>	Japan

Laboratory Reagent For In Vitro Research Use Only

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