

**36-1736: Monoclonal Antibody to CD90 / Thy1 (Stromal / Mesenchymal Marker)(Clone : F15-42-1)**

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	F15-42-1
<b>Application :</b>	FACS,IF,Functional Assay
<b>Reactivity :</b>	Human
<b>Gene :</b>	THY1
<b>Gene ID :</b>	7070
<b>Uniprot ID :</b>	P04216
<b>Format :</b>	Purified
<b>Alternative Name :</b>	THY1
<b>Isotype :</b>	Mouse IgG1, kappa
<b>Immunogen Information :</b>	Purified human brain Thy1

**Description**

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.

**Product Info**

<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

**Application Note**

Flow Cytometry (1-2ug/million cells); Immunofluorescence (2-4ug/ml); Functional Studies (Order Ab without BSA & Azide);