

## Anti-Thy1/CD90 Antibody-FITC (9A348)

## Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	FITC
Clone:	9A348
Purification:	Protein A

## Applications

Verified Activity:	Flow cytometric analysis of Human THY-1(CD90) expression on HEL92.1.7 cells. Cells were stained with FITC-conjugated anti-Human THY-1(CD90). The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.
Application:	FCM
Recommended	5 µl/Test, 0.1 mg/ml

## Properties

Stability & Storage:	Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Human CD90/THY-1 Protein (TMPY-04897)
Antigen Species:	Human
Synonyms:	CD90;Thy-1 cell surface antigen

## Research Background

Thy-1 membrane glycoprotein, also known as Thy-1 antigen, CD90 and THY1, is a cell membrane protein which contains 1 Ig-like V-type (immunoglobulin-like) domain. It is a glycoposphatidylinositol-linked glycoprotein expressed on the surface of neurons, thymocytes, subsets of fibroblasts, endothelial cells, mesangial cells and some hematopoietic cells. It has been identified on a variety of stem cells and at varying levels in non-lymphoid tissues such as on fibroblasts, brain cells, and activated endothelial cells. Thy-1 is evolutionarily conserved, developmentally regulated, and often has dramatic effects on cell phenotype. Thy-1 is a 25-37 kDa glycosylphosphatidylinositol (GPI)-anchored protein involved in T cell activation, neurite outgrowth, apoptosis, tumor suppression, wound healing, and fibrosis. To mediate these diverse effects, Thy-1 participates in multiple signaling cascades. Thy-1 is an important regulator of cell-cell and cell-matrix interactions, with important roles in nerve regeneration, metastasis, inflammation, and fibrosis.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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