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

Clonality: Monoclonal Clone Name: F15-42-1

**Application :** FACS,IF,Functional Assay

Reactivity: Human
Gene: THY1
Gene ID: 7070
Uniprot ID: P04216
Format: Purified
Alternative Name: THY1

**Isotype:** Mouse IgG1, kappa

Immunogen Information: 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**

Amount:  $100 \mu g$ 

**Purification:** Affinity Chromatography

**Content:** 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

toxic.

**Storage condition :** 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);