

**36-1998: Monoclonal Antibody to CD90 / Thy1 (Anti-Mouse) (Stromal / Mesenchymal Marker)(Clone : IBL-6/23)(Discontinued)**

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	IBL-6/23
<b>Application :</b>	FACS,IF
<b>Reactivity :</b>	Mouse
<b>Gene :</b>	Thy1
<b>Gene ID :</b>	21838
<b>Uniprot ID :</b>	P01831
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CD90, Thy-1 antigen
<b>Isotype :</b>	Rat IgG1, kappa
<b>Immunogen Information :</b>	Mouse EL-4 T cell lymphoma cells

**Description**

Recognizes a protein of 25kDa, identified as mouse Thy-1 (also known as CD90). It is a glycosyl phosphatidylinositol-anchored surface glycoprotein. CD90 is 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; 25-35kDa) inserted into the cell membrane via a GPI anchor. Thy-1 is expressed mainly on brain and lymphoid tissues including thymocytes, Peripheral T-cells, and some intraepithelial T-lymphocytes. Thy-1 may play a role in T cell activation, development and function of nervous system, and apoptosis.

**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 (0.5-1µg/million cells in 0.1ml); Immunofluorescence (0.5-1µg/ml); Optimal dilution for a specific application should be determined.