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

Clonality :	Monoclonal
Clone Name :	IBL-6/23
Application :	FACS,IF
Reactivity :	Mouse
Gene :	Thy1
Gene ID :	21838
Uniprot ID :	P01831
Format :	Purified
Alternative Name :	CD90, Thy-1 antigen
Isotype :	Rat IgG1, kappa
Immunogen Information :	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

Amount :	100 µg
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 (0.5-1µg/million cells in 0.1ml); Immunofluorescence (0.5-1µg/ml); Optimal dilution for a specific application should be determined.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.