

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

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| 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

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| 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.