

Product Datasheet

CD90 Antibody (orb2644344)

Catalog Number	orb2644344
Category	Antibodies
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.
Clonality	Monoclonal
Species/Host	Rat
Isotype	Rat IgG1, kappa
Conjugation	Unconjugated
Reactivity	Mouse
Buffer/Preservatives	1 mg/ml in 1X PBS; rAlbumin free, sodium azide free
Purification	Protein G affinity chromatography
Immunogen	Mouse EL-4 T cell lymphoma cells were used as the immunogen for the CD90 antibody.
UniProt ID	P01831
Tested applications	FACS, IF

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Dilution range	Flow cytometry: 1-2ug/million cells in 0.1ml, Immunofluorescence: 1-2ug/ml,
Application notes	Optimal dilution of the CD90 antibody should be determined by the researcher.
Antibody Type	Primary Antibody
Clone Number	IBL-6/23
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.

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