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30-1019: Anti-CD90.2 / Thy-1.2 Monoclonal Antibody (Clone:1aG4/C5)-Azide free

Clonality :	Monoclonal
Clone Name :	1aG4/C5
Application :	FACS, WB, ICC, Functional Assay
Reactivity :	Mouse
Gene :	Thy1
Gene ID :	21838
Uniprot ID :	P01831
Format :	Azide free
Alternative Name :	Thy-1 antigen, Thy1, Thy-1
Isotype :	Mouse IgG3
Immunogen Information :	thymocytes from C3H/Di mice (Thy-1.2 positive)

Description

CD90 (Thy-1) is an 18-35 kDa 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 other. In the mouse, CD90 is expressed mainly on thymocytes and peripheral T lymphocytes. 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 :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry *Recommended dilution:* 1 ÃÂµg/ml **Western Blotting Immunocytochemistry Functional Application** The bound of antibody 1aG4/C5 to the transfected mast cells induces the activation processes which are similar, but not identical, to the antigen activation of IgE stimulated cells.
Other studies approve that the antibody 1aG4/C5 precipitates complexes with Lyn protein tyrosine kinase.

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