Thy-1 (RLE) (mouse):Fc (human), (recombinant)

Thy-1 is a glycosyl phosphatidylinositol (GPI)-anchored glycoprotein of the immunoglobulin superfamily expressed in various cell types, particularly in cells of the neuronal system, activited microvascular endothelial cells, fibroblasts and blood stem cells. Thy-1 is involved in cell adhesion. Thy-1 interacts with the integrin avB3 (CD51/CD61) and Mac-1 (CD11b/CD18). In astrocytes, binding of Thy-1 to β3-integrin promotes focal adhesion formation.

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ALX-522-097-C050	50µg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	Stable for at least 6 months after receipt when stored at -20°C.
Handling	Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -20°C.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	CD90
Concentration	1mg/ml after reconstitution.
Endotoxin Content	<0.1EU/µg purified protein (LAL test; Bio Whittaker).
Formulation	Lyophilized. Contains PBS.
MW	~48kDa (SDS-PAGE)
Purity	≥90% (SDS-PAGE)
Reconstitution	Reconstitute with 50µl sterile distilled water. Further dilutions should be made with medium containing 5% fetal calf serum or a carrier protein.
Source	Produced in HEK 293 cells. The extracellular domain of mouse Thy-1 (aa 20-131) is fused to the Fc portion of human IgG1. The integrin binding sequence RLD of mouse Thy-1 has been changed to RLE abolishing the binding of integrins.
UniProt ID	P01831

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