CD90 / Thy1 Antibody [clone F15-42-1] (V2271)

Catalog No.	Formulation	Size
V2271-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2271-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2271SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Citations (8)

Bulk quote request

Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	F15-42-1
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	7070 (Human)
Localization	Cell surface
Applications	Flow cytometry: 1-2ug/million cells Immunofluorescence: 2-4ug/ml
Limitations	This CD90 / Thy1 antibody is available for research use only.



Description

CD90 (Thy1) is an 18-35kDa 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 others. It is involved in T-cell activation, cellular adhesion, proliferation and migration, neurite outgrowth, wound healing, apoptosis, and fibrosis. CD90 (Thy1) 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.

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the CD90 antibody to be titered up or down for optimal performance.

Immunogen

Purified human brain CD90 / Thy1 was used as the immunogen for this antibody.

Storage

Store the CD90 / Thy1 antibody at 2-8oC.

References (2)

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