

THY1 Polyclonal Antibody

catalog number: E-AB-70323

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Mouse;Rat
Immunogen	Recombinant protein corresponding to Mouse CD90
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

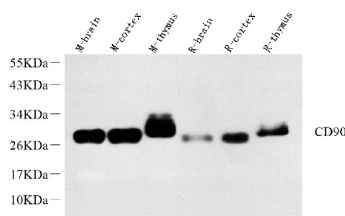
Applications

WB

Recommended Dilution

1:500-1:2000

Data



Western Blot analysis of various samples using THY1

Polyclonal Antibody at dilution of 1:1000.

Observed-MW:35-37 kDa

Calculated-MW:18 kDa

Preparation & Storage

Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

Thy-1 or CD90 (Cluster of Differentiation 90) is a 25–37 kDa heavily N-glycosylated, glycosphosphatidylinositol(GPI) anchored conserved cell surface protein with a single V-like immunoglobulin domain, originally discovered as a thymocyte antigen. Thy-1 can be used as a marker for a variety of stem cells and for the axonal processes of mature neurons. Structural study of Thy-1 led to the foundation of the Immunoglobulin superfamily, of which it is the smallest member, and led to some of the initial biochemical description and characterization of a vertebrate GPI anchor and also the first demonstration of tissue specific differential glycosylation.

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