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39-2115: Anti-CD90/Thy1 Polyclonal Antibody

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	THY1
Gene ID :	7070
Uniprot ID :	P04216
Alternative Name :	Thy-1 membrane glycoprotein; CDw90; Thy-1 antigen; CD90; THY1
Isotype :	Rabbit IgG

Description

CD90(Cluster of Differentiation 90) or Thy-1 is a 25Â–37 kDa heavily N-glycosylated, glycophosphatidylinositol(GPI) anchored conserved cell surface protein with a single V-like immunoglobulin domain, originally discovered as a thymocyte antigen. The CD90 gene is mapped to 11q23.3. 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 lead to the foundation of the Immunoglobulin superfamily, of which it is the smallest member, and led to the first biochemical description and characterization of a vertebrate GPI anchor.

Product Info

Amount :	100 µg/vial
Purification :	Immunogen affinity purified.
Content :	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. Reconstitute : Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 0.1-0.5µg/ml; Immunohistochemistry(Paraffin-embedded Section) : 0.5-1µg/ml

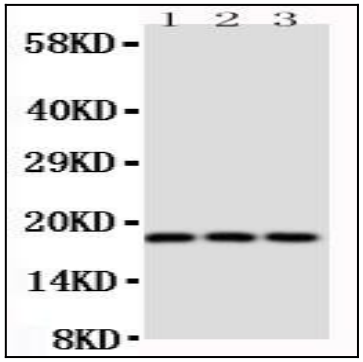


Figure 1: Anti-CD90/Thy1 antibody(39-2115). Western blotting: Lane 1: Rat Brain Tissue Lysate, Lane 2: Rat Liver Tissue Lysate, Lane 3: Rat Thymus Tissue Lysate.

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