

Basic Information

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|---------------------------|---|
| Product Name | Anti-CD90/THY1 Antibody (Clone#CEB-20) |
| Gene Name | THY1 |
| Source | Rabbit |
| Clonality | Monoclonal |
| Isotype | IgG |
| Species Reactivity | human, rat |
| Tested Application | WB, IHC |
| Contents | 500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol. |
| Immunogen | A synthesized peptide derived from human CD90 / Thy1 |
| Concentration | 500 ug/ml |
| Purification | Affinity-chromatography |
| Observed MW | 22-30 kDa |
| Dilution Ratios | Western blot (WB): 1:500-2000 Immunohistochemistry (IHC):1:50-200 |

Storage

12 months from date of receipt, -20°C as supplied.

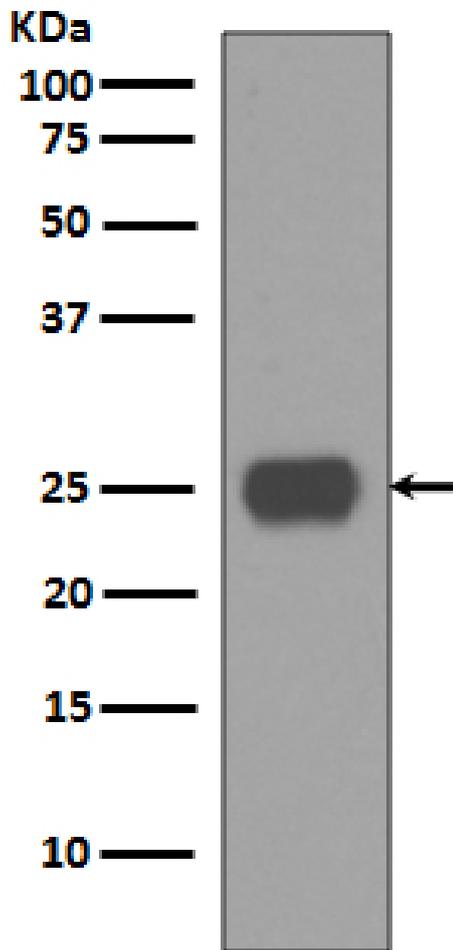
Background Information

CD90(Cluster of Differentiation 90) or Thy-1 is a 25-37 kDa heavily N-glycosylated, glycoposphatidylinositol(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.

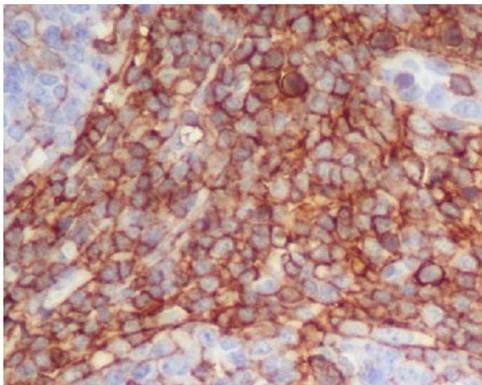
Reference

Anti-CD90/THY1 Antibody (Clone#CEB-20)被引用在1文献中。

Selected Validation Data



Western blot analysis of CD90 expression in Human fetal brain lysate.



Immunohistochemical analysis of paraffin-embedded human tonsil, using CD90 / Thy1 Antibody.

Product datasheet

**Anti-CD90/THY1 Antibody
(Clone#CEB-20)**

Catalog Number: BM4210

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BOSTER BIOLOGICAL TECHNOLOGY

Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.

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