

## Recombinant CD90/Thy1 Monoclonal Antibody

catalog number: **AN301747L**

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

### Description

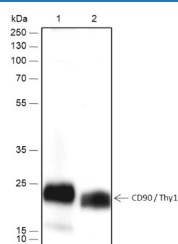
|                     |                                                                 |
|---------------------|-----------------------------------------------------------------|
| <b>Reactivity</b>   | Human;Rat;Mouse                                                 |
| <b>Immunogen</b>    | Recombinant human CD90/Thy1 fragment                            |
| <b>Host</b>         | Rabbit                                                          |
| <b>Isotype</b>      | IgG, κ                                                          |
| <b>Clone</b>        | C121369                                                         |
| <b>Purification</b> | Protein A purified                                              |
| <b>Buffer</b>       | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

### Applications

### Recommended Dilution

|            |               |
|------------|---------------|
| <b>WB</b>  | 1:1000-1:5000 |
| <b>IHC</b> | 1:50-1:100    |

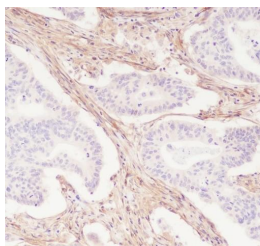
### Data



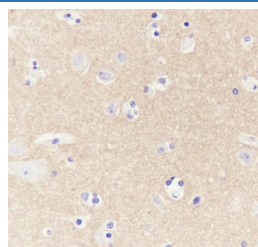
Western Blot with CD90/Thy1 Monoclonal Antibody at dilution of 1:5000. Lane 1: Mouse brain, Lane 2: Rat brain

**Observed-MW:18-25 kDa**

**Calculated-MW:18 kDa**



Immunohistochemistry of paraffin-embedded Human colon cancer using CD90/Thy1 Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Human cerebrum using CD90/Thy1 Monoclonal Antibody at dilution of 1:50.

### Preparation & Storage

|                 |                                                                 |
|-----------------|-----------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag                                                         |

### Background

CD90 is a cell surface glycoprotein and member of the immunoglobulin superfamily of proteins. CD90 is involved in cell adhesion and cell communication in numerous cell types, but particularly in cells of the immune and nervous systems. CD90 is widely used as a marker for hematopoietic stem cells.

### For Research Use Only

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Rev. V1.2

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