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| <b>Product name:</b>     | CD90 Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                                              |
| <b>Cat number:</b>       | MABN85183                                                                                                                                                                                                                                                                                                                                                    |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                                                                 |
| <b>Size:</b>             | 100µL                                                                                                                                                                                                                                                                                                                                                        |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                                                                                                                                                   |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                                                       |
| <b>Host:</b>             | Rabbit                                                                                                                                                                                                                                                                                                                                                       |
| <b>Isotype:</b>          | IgG                                                                                                                                                                                                                                                                                                                                                          |
| <b>Immunogen:</b>        | A synthetic peptide of human CD90                                                                                                                                                                                                                                                                                                                            |
| <b>Reactivity:</b>       | Rat                                                                                                                                                                                                                                                                                                                                                          |
| <b>Applications:</b>     | WB 1:500-1:1000,IHC 1:50-1:100                                                                                                                                                                                                                                                                                                                               |
| <b>Molecular Weight:</b> | Calculated MW: 18 kDa; Observed MW: 22 kDa                                                                                                                                                                                                                                                                                                                   |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                                                                                                        |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                       |
| <b>Buffer:</b>           | Purified antibody in TBS with 0.05% sodium azide,0.05%BSA and 50% glycerol.                                                                                                                                                                                                                                                                                  |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                                                                                                                                                                                                 |
| <b>Background:</b>       | Thy1 is a GPI-anchored, developmentally regulated protein involved in various signaling cascades that mediate neurite outgrowth, T cell activation, tumor suppression, apoptosis, and fibrosis. It is highly expressed on the surface of adult neurons and is thought to play a role in modulating adhesive and migratory events, such as neurite extension. |