



Product Datasheet

Purified Anti-Mouse CD90.1 Antibody [19E12]

Catalogue Code: AGEL0347

Antibody Data

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| Product SKU: | AGEL0347 | Clone: | 19E12 |
| Applications: | FCM | | |
| Reactivity: | Mouse | | |

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

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| Alternate Names: | Thy-1.1 membrane glycoprotein;Thy1.1;Thy-1.1 antigen;CD90.1;Thy-1.1; |
| Uniprot ID: | - |
| Background: | CD90.1 is a 25-35 kD immunoglobulin superfamily member, also known as Thy-1. It is expressed on hematopoietic stem cells and neurons, all thymocytes, and peripheral T cells. CD90.1 is a glycosylphosphatidylinositol (GPI)-anchored membrane glycoprotein involved in signal transduction. CD90.1 is involved in costimulation of lymphocyte proliferation and activation, and hematopoietic stem cell differentiation. CD90.1 has been shown to interact with CD45. |
| Form: | Liquid |
| Conjugation: | Unconjugated |
| Size: | 25µg, 100µg |
| Host Species: | Rat |
| Isotype: | Rat IgG2a, κ |
| Isotype Control: | Purified Rat IgG2a, κ Isotype Control[2A3] [Product AGEL0347] |
| Storage Buffer: | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. |
| Shipping: | Biological ice pack at 4°C |

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage: Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 2.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.