

Product datasheet for **SM1170RT**

CD90 (THY1) Mouse Monoclonal Antibody [Clone ID: F15-42-1]

Product data:

| | |
|------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | F15-42-1 |
| Applications: | FC |
| Recommended Dilution: | Flow Cytometry: Use 10 µl of neat antibody to label 10e6 cells in 100 µl. This product is routinely tested in Flow Cytometry on the MOLT4 cell line. |
| Reactivity: | Human, Monkey |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Purified Human brain Thy-1. Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS-1 myeloma cell line. |
| Specificity: | SM1170R recognises the Human CD90 cell surface antigen. |
| Formulation: | PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA, 5% Sucrose as stabilizer. Label: PE State: Lyophilized purified IgG fraction. Label: R. Phycoerythrin (RPE) |
| Reconstitution Method: | Restore in 0.25 ml distilled water. Note. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. We recommend that the vial is gently vortexed after reconstitution and microcentrifuged before use. |
| Purification: | Ion Exchange Chromatography. |
| Conjugation: | PE |
| Storage: | Prior to and following reconstitution store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light. |
| Stability: | Shelf life: one year from despatch. |



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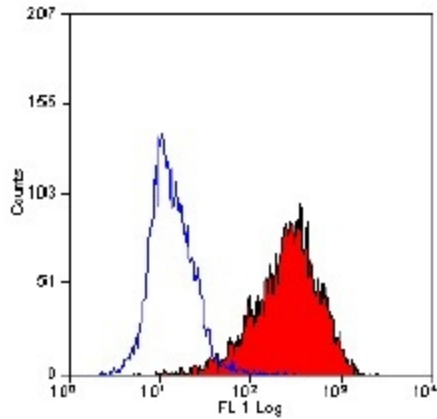
Gene Name: Thy-1 cell surface antigen

Database Link: [Entrez Gene 7070 Human P04216](#)

Background: CD90 antigen is a 25 kD glycoprotein homologous to rat Thy-1. The antigen is expressed by a subset of CD34+ve cells in the bone marrow and by some cells within the thymus. CD90 is also expressed extensively within the brain.

Synonyms: Thy-1, THY1, CDw90

Product images:



Staining of HUT78 cells with anti Human CD90-RPE (SM1170RT).