

Product datasheet for **SM1170R**

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 10µl of neat antibody to label 10e6 cells in 100µl. 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 NS1 myeloma cell line.
Specificity:	SM1170R recognises the human CD90 cell surface antigen, 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.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: PE State: Lyophilized purified IgG fraction. Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore in 1 ml distilled water.
Purification:	Ion Exchange Chromatography.
Conjugation:	PE
Storage:	Store the antibody undiluted Prior to and following reconstitution at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	Thy-1 cell surface antigen



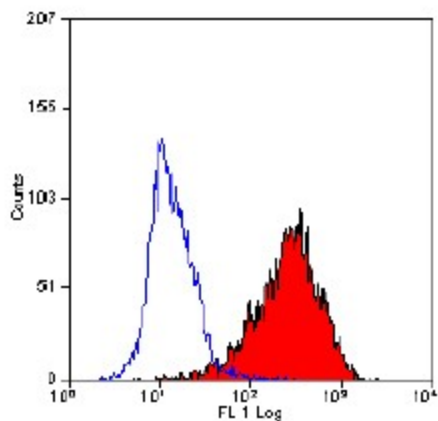
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Database Link: [Entrez Gene 7070 Human P04216](#)

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 MOuse anti Human CD90-PE antibody SM1170R.