

Datasheet

Thy1 monoclonal antibody, clone 30-H12 (SPRD)

Catalog Number: MAB5959

Regulatory Status: For research use only (RUO)

Product Description: Rat monoclonal antibody raised against native Thy1.

Clone Name: 30-H12

Immunogen: Native purified Thy1 from mouse spleen cells or thymocyte membranes.

Host: Rat

Reactivity: Mouse

Applications: Flow Cyt, IHC-Fr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: Specificity Mouse CD90.2/Thy-1.2 alloantigen, Mr 18 KDa

Form: Liquid

Conjugation: SPRD

Isotype: IgG2b, kappa

Recommend Usage: Flow Cytometry (0.2 ug/10⁶ cells)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store in the dark at 4°C. Do not freeze.

Avoid prolonged exposure to light.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 21838

Gene Symbol: Thy1

Gene Alias: CD90, T25, Thy-1, Thy-1.2, Thy1.1, Thy1.2

References:

1. Complete structure of the glycosyl phosphatidylinositol membrane anchor of rat brain Thy-1 glycoprotein. Homans SW, Ferguson MA, Dwek RA, Rademacher TW, Anand R, Williams AF. *Nature*. 1988 May 19;333(6170):269-72.
2. Neuronal cell Thy-1 glycoprotein: homology with immunoglobulin. Williams AF, Gagnon J. *Science*. 1982 May 14;216(4547):696-703.
3. T cell subsets defined by expression of Lyt-1,2,3 and Thy-1 antigens. Two-parameter immunofluorescence and cytotoxicity analysis with monoclonal antibodies modifies current views. Ledbetter JA, Rouse RV, Micklem HS, Herzenberg LA. *J Exp Med*. 1980 Aug 1;152(2):280-95.