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Datasheet

Thy1 monoclonal antibody, clone G7 (Biotin)

Catalog Number: MAB5954

Regulatory Status: For research use only (RUO)

Product Description: Rat monoclonal antibody raised against Thy1.

Clone Name: G7

Immunogen: MST cell hybridoma C6/G8.

Host: Rat

Reactivity: Mouse

Applications: Flow Cyt, ICC
(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 Thy-1.1 and Thy-1.2 alloantigens (Thy-1 epitope region A)

Form: Liquid

Conjugation: Biotin

Isotype: IgG2c, kappa

Recommend Usage: Flow Cytometry (1 ug/10^6 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. Thy-1 triggers mouse thymocyte apoptosis through a bcl-2-resistant mechanism. Hueber AO, Raposo G, Pierres M, He HT. J Exp Med. 1994 Mar 1;179(3):785-96.
2. Activation-driven T cell death. II. Quantitative differences alone distinguish stimuli triggering nontransformed T cell proliferation or death. Ucker DS, Meyers J, Obermiller PS. J Immunol. 1992 Sep 1;149(5):1583-92.
3. Thy-1 supports adhesion of mouse thymocytes to thymic epithelial cells through a Ca2(+)-independent mechanism. He HT, Naquet P, Caillol D, Pierres M. J Exp Med. 1991 Feb 1;173(2):515-8.