

Datasheet

CD4 monoclonal antibody, clone RFT-4g (Cy5)

Catalog Number: MAB6017

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against native CD4.

Clone Name: RFT-4g

Immunogen: Native purified CD4 from human thymocytes and E-rosetted lymphocytes.

Host: Mouse

Reactivity: Human

Applications: Flow Cyt, IHC-Fr, IP
(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 human CD4

Form: Liquid

Conjugation: Cy5

Isotype: IgG1

Recommend Usage: Flow Cytometry (10 ul/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: 920

Gene Symbol: CD4

Gene Alias: CD4mut

References:

1. The two membrane proximal domains of CD4 interact with the T cell receptor. Vignali DA, Carson RT, Chang B, Mittler RS, Strominger JL. *J Exp Med.* 1996 May 1;183(5):2097-107.
2. The CD4 molecule. Roles in T lymphocytes and in HIV disease. Introduction. Littman DR. *Curr Top Microbiol Immunol.* 1996;205:v-x.
3. Molecular recognition of antigen involves lattice formation between CD4, MHC class II and TCR molecules. Sakihama T, Smolyar A, Reinherz EL. *Immunol Today.* 1995 Dec;16(12):581-7.