

## Datasheet

### CD4 monoclonal antibody, clone RFT-4g (PE/Cy7)

**Catalog Number:** MAB6019

**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:** PE/Cy7

**Isotype:** IgG1

**Recommend Usage:** Flow Cytometry (10 ul/10<sup>6</sup> 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.