



CD4 Mouse Monoclonal Antibody

E10-20007

Background: The CD4 antigen is highly expressed on human T helper cells and thymocytes, and at lower levels on monocytes and dendritic cells. This integral membrane glycoprotein of approximately 58 kDa contains four external domains (D1 to D4) that show homology to members of the immunoglobulin (Ig) superfamily. It is responsible for the recognition of the MHC class II antigen. The CD4 antibody recognizes most thymocytes and about 65% of peripheral blood T cells.

Catalog Number: E10-20007

Amount: 100µg/100µl

Clone Number: B486A1

Species: Mouse IgG1

Aliases: CD4mut

Entrez Gene: 920

Immunogen: Purified recombinant fragment of human CD4 expressed in E. Coli.

Storage: Store at 4°C, for long term storage, store at -20°C

Formulation: Purified antibody in PBS containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: FC, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: FC:1/200 - 1/400 ELISA:Propose dilution 1/10000.

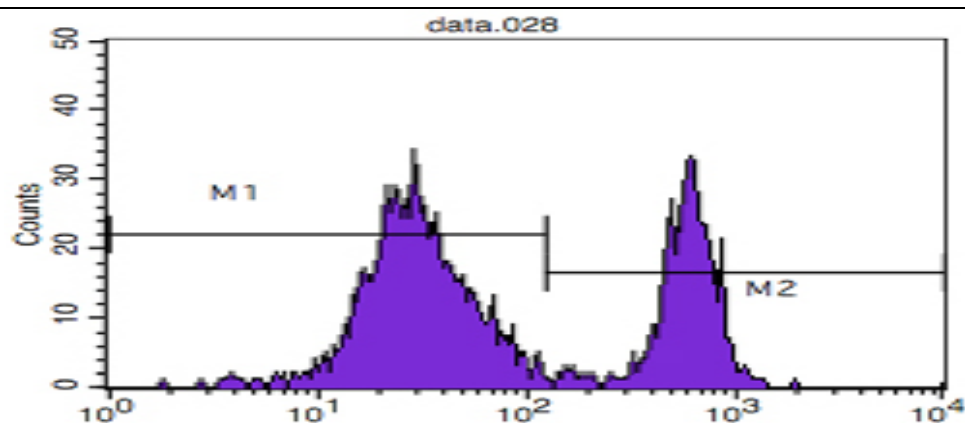


Figure 1. Flow cytometric analysis of blood T cells using CD4 mouse mAb (M2) and negative control (M1).

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