

CD4 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3650
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD4 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	CD4mut

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

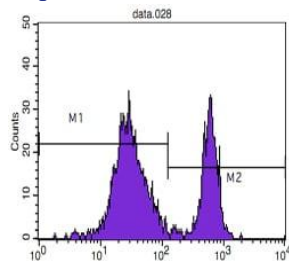
Recommended Dilution

FCM: 1:200 - 1:400

ELISA: 1:10000

Not yet tested in other applications.

Images



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.