

CD4 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0302
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human CD4 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	FCM, ELISA
Concentration	1 mg/ml
Full name	T-cell surface glycoprotein CD4
Synonyms	CD4; T-cell surface glycoprotein CD4; T-cell surface antigen T4; Leu-3; CD antigen CD4

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

Background

This gene encodes a membrane glycoprotein of T lymphocytes that interacts with major histocompatibility complex class II antigens and is also a receptor for the human immunodeficiency virus. This gene is expressed not only in T lymphocytes, but also in B cells, macrophages, and granulocytes. It is also expressed in specific regions of the brain. The protein functions to initiate or augment the early phase of T-cell activation, and may function as an important mediator of indirect neuronal damage in infectious and immune-mediated diseases of the central nervous system. Multiple alternatively spliced transcript variants encoding different isoforms have been identified in this gene.

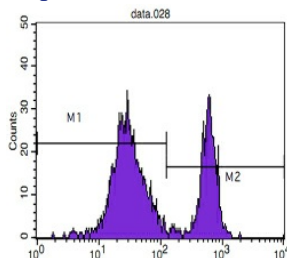
Recommended Dilution

ELISA: 1:10000

FC: 1:200 - 1:400

Not yet tested in other applications.

Images



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

Storage

-20°C for one year