

Product Name: CD4 Mouse Monoclonal Antibody**Catalog #: AMM80505**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	/

Antigen Information

Gene Name	CD4
Alternative Names	CD4mut
Gene ID	920.0
SwissProt ID	P01730
Immunogen	Purified recombinant fragment of human CD4 expressed in E. Coli.

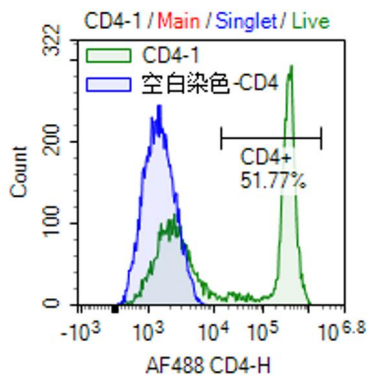
Background

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.

Research Area

Image Data



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