

Product datasheet for **AM06077PU-N**

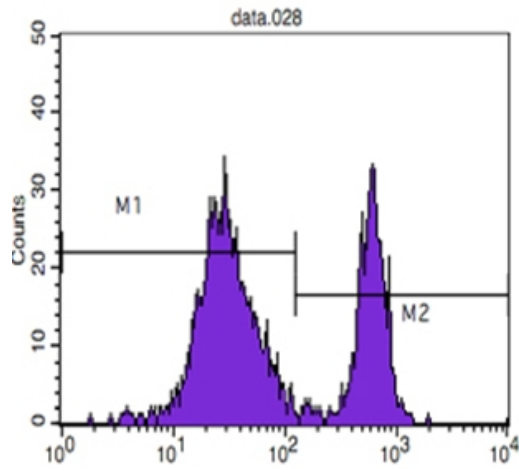
CD4 Mouse Monoclonal Antibody [Clone ID: B486A1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	B486A1
Applications:	ELISA, FC
Recommended Dilution:	Flow Cytometry: 1/200 - 1/400. ELISA: Propose dilution 1/10000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human CD4 expressed in E. Coli.
Specificity:	The CD4 antibody recognizes most thymocytes and about 65% of peripheral blood T cells.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.03% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD4 molecule
Database Link:	Entrez Gene 920 Human P01730
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.
Synonyms:	T-cell surface antigen T4/Leu-3



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Product images:

Flow Cytometric analysis of blood T cells using CD4 antibody Cat.-No AM06077PU-N (M2) and Negative Control (M1).