

## Product datasheet for **AM31216FC-N**

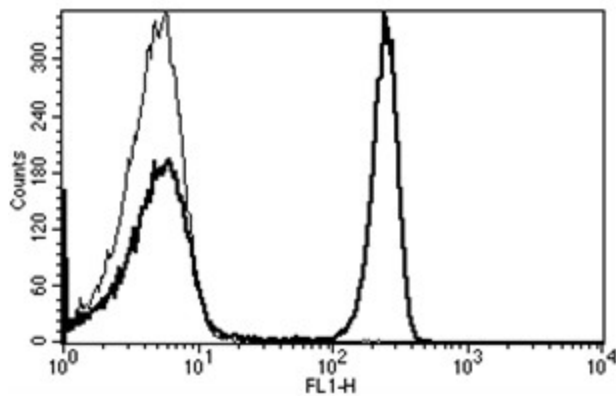
### CD4 Mouse Monoclonal Antibody [Clone ID: B-A1]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	B-A1
Applications:	FC
Recommended Dilution:	<b>Flow Cytometry:</b> Use 10 µl to label 10 <sup>6</sup> cells or 100 µl of whole blood.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human thymocytes and jurkat cell lines
Specificity:	This antibody recognises a 55 kDa protein.
Formulation:	Phosphate-buffered saline containing 5 % BSA as stabilizer and 0.09 % sodium azide as preservative Label: FITC State: Liquid purified IgG fraction
Purification:	Ion exchange chromatography
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD4 molecule
Database Link:	<a href="#">Entrez Gene 920 Human P01730</a>
Synonyms:	T-cell surface antigen T4/Leu-3
Protein Families:	Adult stem cells, Druggable Genome, ES Cell Differentiation/IPS, Induced pluripotent stem cells, Transmembrane
Protein Pathways:	Antigen processing and presentation, Cell adhesion molecules (CAMs), Hematopoietic cell lineage, Primary immunodeficiency, T cell receptor signaling pathway



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**Product images:**

A typical staining pattern with the B-A1 monoclonal antibody of lymphocytes