

## Product datasheet for **AM31216RP-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:	PBS Label: PE State: Lyophilized purified IgG fraction Stabilizer: 5% BSA Preservative: 0.09% Sodium Azide
Reconstitution Method:	Restore with 1.0 ml deionised water.
Purification:	Ion Exchange Chromatography
Conjugation:	PE
Storage:	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b>
Stability:	Shelf life: 6 month from despatch.
Gene Name:	CD4 molecule
Database Link:	<a href="#">Entrez Gene 920 Human P01730</a>
Synonyms:	T-cell surface antigen T4/Leu-3
Note:	Kd : 0.142 nM

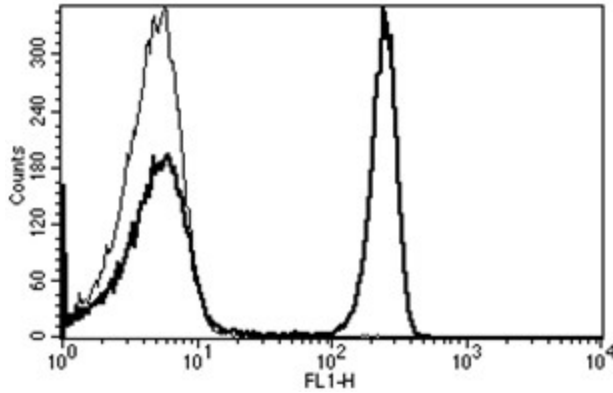


[View online »](#)

**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

**Product images:**



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