

Product datasheet for **AM08115BT-N**

CD4 Mouse Monoclonal Antibody [Clone ID: CT-4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CT-4
Applications:	FC
Recommended Dilution:	Flow Cytometry: $\leq 1 \mu\text{g}/10^6$ cells. (Ref.1)
Reactivity:	Chicken
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Chicken thymocytes and Ig-negative blood leukocytes.
Specificity:	Specific to CD4 (Mr. 64 kDa). This antibody inhibits both PHA- and Con A-induced proliferative responses of splenocytes, and PWM-induced IL-2 production.
Formulation:	PBS containing 0.09% Sodium Azide as preservative Label: Biotin State: Liquid purified Ig fraction
Concentration:	lot specific
Conjugation:	Biotin
Storage:	Store undiluted at 2-8°C for one month or in (aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	Q6Q4G0
Background:	CD4 is a single chain transmembraneous glycoprotein (59 kDa) which belongs to the immunoglobulin superfamily. CD4 is present on a subset of T lymphocytes ("helper/inducer" T cells) and is also expressed at a lower level on monocytes, tissue macrophages and granulocytes. The antigen is involved in binding to MHC class II molecules. The intracellular domain of the antigen is associated with p56lck protein tyrosine kinase.
Synonyms:	T-cell surface antigen T4/Leu-3



[View online »](#)