

Product datasheet for **AM08120FC-N**

CD4 Mouse Monoclonal Antibody [Clone ID: EP96]

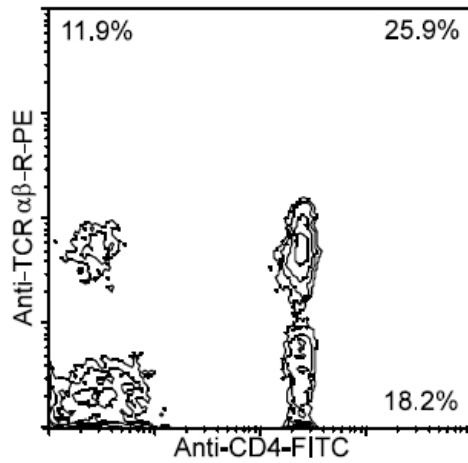
Product data:

Product Type:	Primary Antibodies
Clone Name:	EP96
Applications:	FC
Recommended Dilution:	Flow Cytometry: < / = 1 µg/10e6 cells. (Ref.1)
Reactivity:	Chicken
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Specificity:	This antibody recognizes Chicken CD4 (Mr. 64 kDa). EP96 inhibits both PHA- and Con A-induced proliferative responses of splenocytes, and PWM-induced IL-2 production. (Ref.1)
Formulation:	PBS containing 0.09% Sodium Azide as preservative. Label: FITC State: Liquid purified Ig fraction. Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Conjugation:	FITC
Storage:	Store the antibody 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 transmembrane 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



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Product images:



Immunofluorescent Staining: Chicken peripheral blood mononuclear cells were double stained with anti-Chicken CD4-FITC and anti-Chicken TCR alpha/beta-PE ([AM08114FC-N]). Small lymphocytes were then gated and analyzed on a FACScan (TM) flow cytometer (BDIS, Sa