

Product datasheet for **AM08113FC-N**

CD4 Mouse Monoclonal Antibody [Clone ID: 3-4F4]

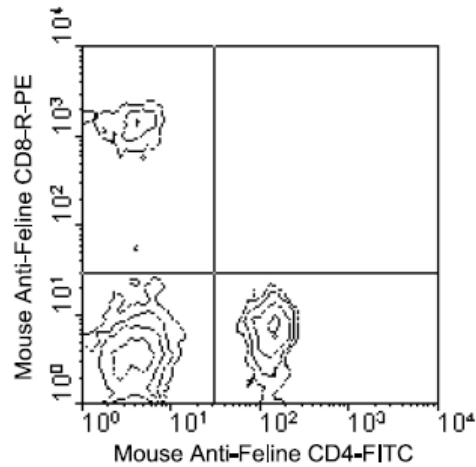
Product data:

Product Type:	Primary Antibodies
Clone Name:	3-4F4
Applications:	FC
Recommended Dilution:	Flow Cytometry: < / = 1 µg/10e6 cells. (Ref.1-3)
Reactivity:	Feline
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognizes Feline CD4 (Mr. 65 kDa)
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:	P79355
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



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Product images:



Immunofluorescent Staining: Peripheral blood mononuclear cells from a healthy domestic Cat were double-stained with Mouse anti-Feline CD4-FITC and Mouse anti-Feline CD8-PE. Small lymphocytes were then gated and analyzed by two-color flow cytometry on a FACScan (TM) flow cytometry (BDIS, San Jose, CA). Amount Used: 1 ug/10e6 cells.