

Product datasheet for **AM08157PU-N**

CD4 Mouse Monoclonal Antibody [Clone ID: RFT-4g]

Product data:

Product Type:	Primary Antibodies
Clone Name:	RFT-4g
Applications:	FC, IHC, IP
Recommended Dilution:	Flow Cytometry: < / = 1 µg/10e6 cells. Immunohistochemistry on Frozen Sections. Immunoprecipitation.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognizes CD4.
Formulation:	100 mM Borate Buffered Saline, pH 8.2. No preservatives or amine-containing buffer salts added. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD4 molecule
Database Link:	Entrez Gene 920 Human P01730



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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. CD4 functions as an accessory molecule in the recognition of foreign antigens in association with MHC Class II antigens by T cells. (Ref.1-6)

Synonyms:

T-cell surface antigen T4/Leu-3