

## Product datasheet for AM08157C5-N

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OriGene Technologies, Inc.

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

**Product data:** 

**Product Type:** Primary Antibodies

Clone Name: RFT-4g

**Applications:** FC

**Recommended Dilution:** Flow Cytometry: 10 µL/10e6 cells.

Reactivity: Human
Host: Mouse
Isotype: IgG1

Clonality: Monoclonal

**Specificity:** This antibody recognizes CD4.

**Formulation:** PBS containing 0.09% Sodium Azide as preservative.

Label: Cy5

State: Liquid purified Ig fraction.

Label: Cyanine 5

**Conjugation:** Cy5

**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.

Gene Name: CD4 molecule

Database Link: Entrez Gene 920 Human

P01730

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

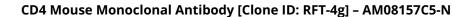
granulocytes. The antigen is involved in binding to MHC class II molecules. The intracellular

domain of the antigen is associated with p56lck protein tyrosine kinase.

CD4 functions as an accessary 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