

Product datasheet for **SM1579**

CD4 Mouse Monoclonal Antibody [Clone ID: CA13.1E4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CA13.1E4
Applications:	FC, IHC, IP
Recommended Dilution:	Flow Cytometry. Immunoprecipitation. Immunohistochemistry on frozen sections. Recommended Positive Control: Spleen, lymph node
Reactivity:	Canine
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Canine Thymocytes. Spleen cells from immunised Balb/c mice were fused with cells of the P3X63-Ag.653 mouse myeloma cell line.
Formulation:	containing 0.09% Sodium Azide State: Supernatant State: Liquid Tissue Culture Supernatant
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.
Database Link:	P33705
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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