

T-cell Surface Glycoprotein CD4 (CD4) Antibody (PE)

Catalogue No.: abx200032

The monoclonal antibody is directed against the CD4-antigen (T4-antigen), which is expressed on human peripheral T lymphocytes and 80% of thymocytes and reacts on a low level with human monocytes and macrophages

Target:	CD4
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Tested Applications:	FCM

Recommended dilutions: FCM: 20 µl/1 million cells. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Japanese White Rabbit thymocytes.

Purification: Affinity Chromatography

Form: Liquid

Isotype: IgG_{2a}

Conjugation: PE

Specificity: 60Kd MW lymphocyte surface antigen identified by monoclonal antibodies belonging to the CD4 cluster and present on 54% of peripheral blood T lymphocytes, 50% of thymocytes and some malignant cells of T cell origin. Normal B lymphocytes, monocytes or granulocytes do not express surface CD4 antigen although cytoplasmic expression has been observed in monocytes/macrophages. The CD4 positive T lymphocyte subpopulation has been characterised functionally as comprising helper cells active in amplification of immune responses.

Storage: Store in the dark at 2-8 °C.

Molecular Weight: 60 kDa

Swiss Prot: [P01730](#)

GeneID: [920](#)

Buffer: The reagent is provided in aqueous buffered solution containing protein stabilizer, and ≤0.09% sodium Azide

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Note: This product is for research use only.