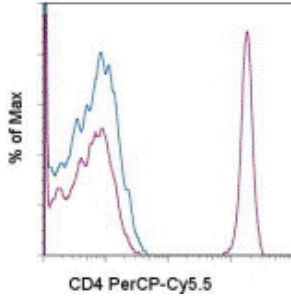


Anti-Human CD4 PerCP-Cyanine5.5

Catalog Number: 45-0048

Also Known As: Leu-3, T4

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of normal human peripheral blood cells with Mouse IgG2b K Isotype Control PerCP-Cyanine5.5 (cat. 45-4732) (blue histogram) or Anti-Human CD4 PerCP-Cyanine5.5 (purple histogram). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD4 PerCP-Cyanine5.5


REF **Catalog Number:** 45-0048

Clone: OKT4 (OKT-4)

Concentration: 5 μ L (0.25 μ g)/test

Host/Isotype: Mouse IgG2b, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

 **Temperature Limitation:** Store at 2-8°C. Do not freeze. Light sensitive material.

 **Batch Code:** Refer to Vial

 **Use By:** Refer to Vial

 **Contains sodium azide**

Description

The OKT4 monoclonal antibody reacts with human CD4, a 59 kDa cell surface glycoprotein expressed by the majority of thymocytes, a subpopulation of mature T cells (T-helper cells) and in low levels on monocytes. CD4 is a receptor for the human immunodeficiency virus (HIV). The OKT4 antibody recognizes a different epitope than the RPA-T4 monoclonal antibody, and these antibodies do not cross-block binding to each other's respective epitopes.

Applications Reported

This OKT4 (OKT-4) antibody has been reported for use in flow cytometric analysis.

Applications Tested

This OKT4 (OKT-4) antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 μ L (0.25 μ g) per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ L. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

References

Bour S, Boulrice F, Wainberg MA. Inhibition of gp160 and CD4 maturation in U937 cells after both defective and productive infections by human immunodeficiency virus type 1. *J Virol.* 1991 Dec;65(12):6387-96. (OKT4, IP, PubMed)

Reinherz EL, Kung PC, Goldstein G, Schlossman SF. 1979. Separation of functional subsets of human T cells by a monoclonal antibody. *Proc Natl Acad Sci.* 76(8): 4061-5.

Related Products

45-0049 Anti-Human CD4 PerCP-Cyanine5.5 (RPA-T4)

45-4732 Mouse IgG2b K Isotype Control PerCP-Cyanine5.5

48-0088 Anti-Human CD8a eFluor® 450 (RPA-T8)

Legal

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