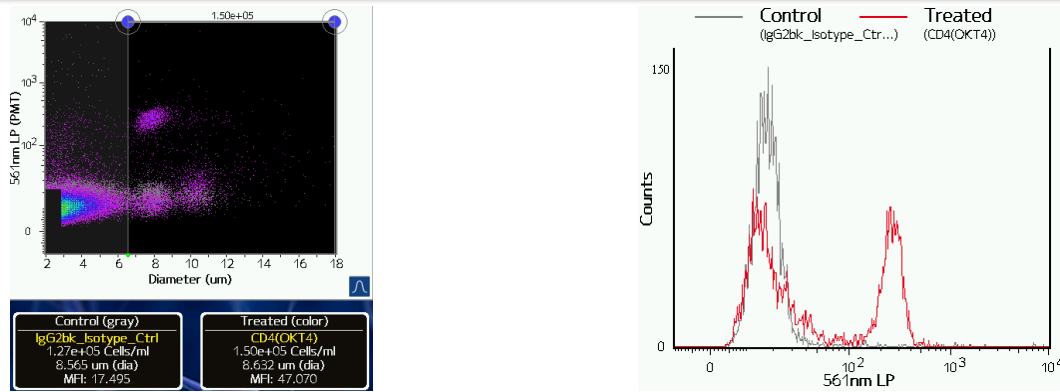


Anti-Human CD4 PE

Catalog #: 317409 (25 tests); 317410 (100 tests)

Alternative names: T4

RUO: For Research Use Only, manufactured by BioLegend



Staining of PMBC cells with Anti-Human CD4-PE (red) vs mIgG2ak Isotype control (gray).

Product information

Clone: OKT4

Concentration: 5-20µL/test

Host/Isotype: Mouse IgG2b, K

Formulation: PBS (pH 7.2), 0.09% sodium azide

Temperature Storage: Store at 2-8°C. Light sensitive

Use By: See vial for Lot specific info

Description *(from www.BioLegend.com)*

CD4, also known as T4, is a 55 kD single-chain type I transmembrane glycoprotein expressed on most thymocytes, a subset of T cells, and monocytes/macrophages. CD4, a member of the Ig superfamily, recognizes antigens associated with MHC class II molecules and participates in cell-cell interactions, thymic differentiation, and signal transduction. CD4 acts as a primary receptor for HIV, binding to HIV gp120. CD4 has also been shown to interact with IL-16.

Applications Tested

This antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. Cell number should be determined empirically but can range from 10e5 to 10e8 cells/test. Following staining, the optimal concentration for fluorescence sensitivity on the Moxi Go is 1e5 to 5e5 cells/mL.

Related Products

400313 PE Mouse IgG2b, K Isotype Control PE

References: Knapp W, *et al.* Eds. 1989. Leucocyte Typing IV. Oxford University Press. New York.