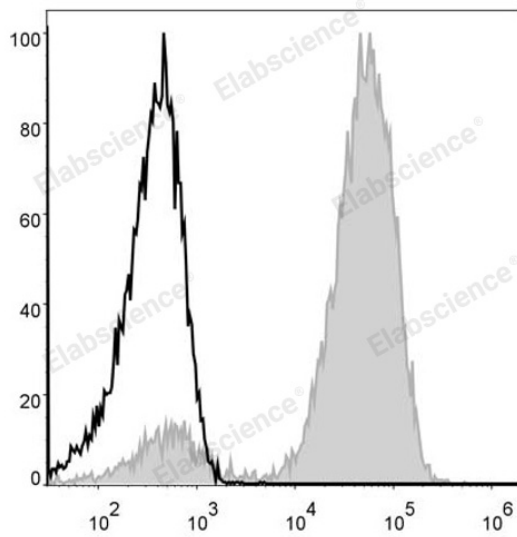


Product name:	PE/Cyanine5 Anti-Human CD3 Antibody[OKT-3]
Cat number:	MAB1001G
Conjugate:	PE/Cyanine 5
Size:	100Tests
Clone:	OKT-3
Concentration:	5 µL/Test
Host:	Mouse
Isotype:	Mouse IgG2a, κ
Reactivity:	Human
Applications:	FCM - Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
Form:	Liquid
Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Storage:	This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
Background:	CD3ε is a 20 kD chain of the CD3/T cell receptor (TCR) complex, which is composed of two CD3ε, one CD3γ, one CD3δ, one CD3ζ (CD247), and a T cell receptor (α/β or γ/δ) heterodimer. It is found on all mature T lymphocytes, NK T cells, and some thymocytes. CD3, also known as T3, is a member of the immunoglobulin superfamily that plays a role in antigen recognition, signal transduction, and T cell activation.



Human peripheral blood lymphocytes are stained with PE/Cyanine5 Anti-Human CD3 Antibody (filled gray histogram). Unstained lymphocytes (empty black histogram) are used as control.