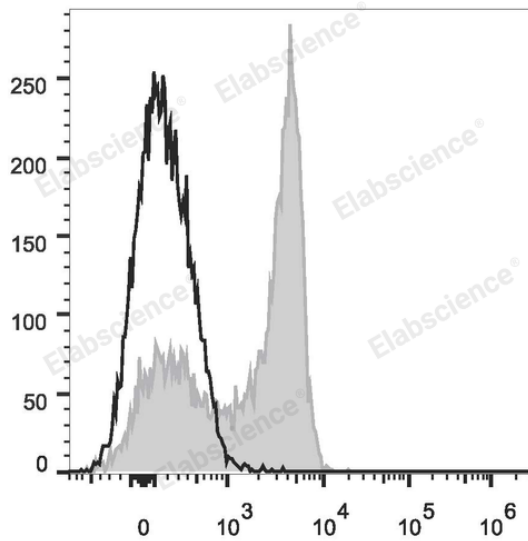


Product name:	PE/Cyanine7 Anti-Human/Monkey CD27 Antibody[O323]
Cat number:	MAB1140H
Conjugate:	PE/Cyanine7
Size:	100 tests
Clone:	O323
Host:	Mouse
Isotype:	Mouse IgG1, κ
Reactivity:	Human;Rhesus
Applications:	FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L 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.
Storage:	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Background:	CD27 is a 50-55 kD type I membrane protein also known as S152 and T14. It is a lymphocyte-specific member of the TNF-receptor superfamily. CD27 is expressed on medullary thymocytes, virtually all mature T cells, some B cells, and NK cells. CD27 binds to CD70 and plays an important role in costimulation of T cell activation, and regulation of B cell differentiation and proliferation. The cytoplasmic domains of CD27 have also been shown to interact with TRAF2 and TRAF5 to elicit NF- κ B and SAPK/JNK activation.



Human peripheral blood lymphocytes are stained with PE/Cyanine7 Anti-Human/Monkey CD27 Antibody (filled gray histogram). Unstained lymphocytes (empty black histogram) are used as control.