

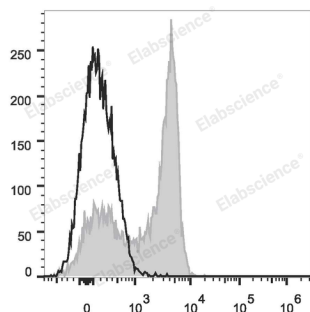


Product name:	PE/Cyanine7 Anti-Human/Monkey CD27 Antibody[O323]
Cat number:	MAB1140H
Conjugate:	PE/Cyanine7
Conjugation Information:	PE/Cyanine7 is designed to be excited by the Blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 775 nm (e.g., a 780/60 nm bandpass filter).
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: Buffer:	Liquid
Storage:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. 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.
Synonyms:	
Source:	CD27L receptor;S152;T-cell activation antigen CD27;T14;TNFRSF7
Background:	Mouse 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.

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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.

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