Product Data Sheet
Bright700 Anti-Human/Monkey CD27 Antibody[O323]

Product name:	Bright700 Anti-Human/Monkey CD27 Antibody[O323]
Cat number:	MAB1140M1
Conjugate:	Bright700
Conjugation Information:	700 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter).
Size:	100 tests
Clone:	O323
Concentration:	1mg/ml
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 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.
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.
Synonyms:	CD27L receptor;S152;T-cell activation antigen CD27;T14;TNFRSF7
Source:	Mouse
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-κB and SAPK/JNK activation.

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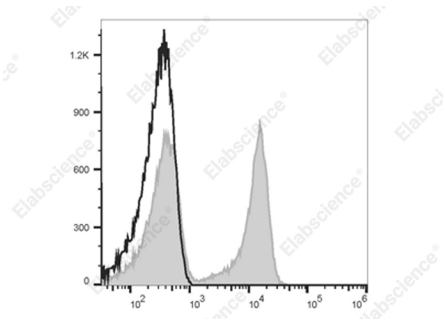

Staining of normal human peripheral blood cells with 700 Anti-Human/Monkey CD27 Antibody[O323] (filled gray histogram) or 700 Mouse IgG1, κ Isotype Control (empty black histogram). Cells in the lymphocytes gate were used for analysis.