

## Product Information

Contents: Phycoerythrin (PE) anti-human CD27

Catalog Number: 12-0279

Sizes: 25 tests, 100 tests

Formulation: Phosphate buffer pH 7.2,  
150 mM NaCl, 0.09% NaN<sub>3</sub>, 0.2% BSA

Storage Conditions: Store at 4°C.

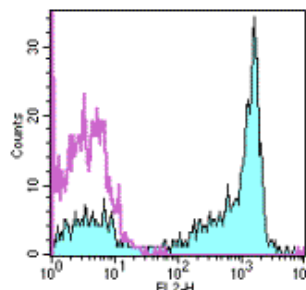
DO NOT FREEZE.

LIGHT-SENSITIVE MATERIAL.

Clone: O323

Isotype: Mouse IgG1,  $\kappa$

HLDA No.: IV T-186



*Staining of normal human peripheral blood cells with PE mouse IgG1 isotype control (cat. 12-4719) (open histogram) or PE O323 (colored histogram). Cells in the lymphocyte gate were used for analysis.*

## Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
10-0279	APC-Cy7 anti-human CD27	633	760	FC
11-0279	FITC anti-human CD27	488	518	FC
12-0279	PE anti-human CD27	488	575	FC
13-0279	Biotin anti-human CD27	N/A	N/A	FC
14-0279	Affinity Purified anti-human CD27	N/A	N/A	FC
17-0279	APC anti-human CD27	633	660	FC

## Description

The O323 monoclonal antibody reacts with human CD27, a lymphocyte-specific member of the TNFR superfamily. CD27 is expressed by a subset of thymocytes and virtually all mature T cells and is upregulated upon T-cell stimulation. CD27 binds to CD70, and through this interaction, plays an important role in T cell-B cell interaction.

## Usage

For research use only, not for diagnostic or therapeutic use. The O323 antibody has been reported for use in flow cytometric analysis.

## Applications Tested

The O323 antibody has been pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at 20  $\mu$ l per 100  $\mu$ l blood (or per 1 million cells in 100  $\mu$ l total staining volume).

## Related Products

Cat. 11-0271	FITC anti-mouse, human, rat CD27 (clone LG.7F9)
Cat. 12-0271	PE anti-mouse, human, rat CD27 (clone LG.7F9)
Cat. 13-0271	Biotin anti-mouse, human, rat CD27 (clone LG.7F9)
Cat. 14-0271	Affinity Purified anti-mouse, human, rat CD27 (clone LG.7F9)
Cat. 16-0271	Functional Grade Purified anti-mouse, human, rat CD27 (clone LG.7F9)
Cat. 17-0271	APC anti-mouse, human, rat CD27 (clone LG.7F9)
Cat. 10-0279	APC-Cy7 anti-human CD27 (clone O323)
Cat. 11-0279	FITC anti-human CD27 (clone O323)
Cat. 13-0279	Biotin anti-human CD27 (clone O323)

Cat. 14-0279 Affinity Purified anti-human CD27 (clone O323)  
Cat. 17-0279 APC anti-human CD27 (clone O323)  
Cat. 12-4714 Phycoerythrin (PE) Mouse IgG1, K Isotype Control

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## References

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Knapp, W., B. Dorken, et al. eds. (1989). Leucocyte Typing IV: White Cell Differentiation Antigens. Oxford University Press. New York.

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