

Product Information

Contents: Affinity Purified anti-human CD27

Catalog Number: 14-0279

Sizes: 25 ug, 100 ug

Formulation: Phosphate buffer pH 7.2,
150 mM NaCl, 0.09% NaN₃

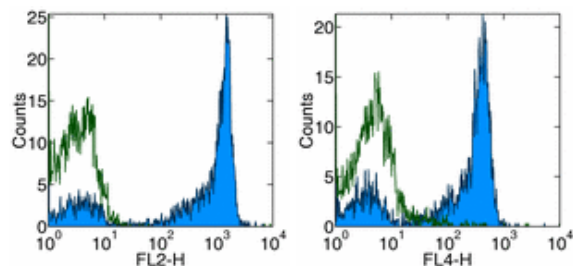
Storage Conditions: Store at 4°C.

Avoid repeated freeze/thaw cycles.

Clone: O323

Isotype: Mouse IgG1, κ

HLDA No.: IV T-186



Surface staining of normal human peripheral blood cells with anti-human CD27 (O323) PE (left), and APC (right). Appropriate isotype controls were used (open histogram). Cells in the lymphocyte population 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 tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at less than or equal to 1 µg per 100 µl blood (or per 1 million cells in 100 µl total staining volume). It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

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. 12-0279 PE anti-human CD27 (clone O323)

Cat. 13-0279 Biotin anti-human CD27 (clone O323)
Cat. 17-0279 APC anti-human CD27 (clone O323)
Cat. 11-4011 FITC Anti-Mouse IgG
Cat. 13-4013 Biotin Anti-Mouse IgG (clone Polyclonal)
Cat. 11-4317 Streptavidin-FITC (Fluorescein isothiocyanate)
Cat. 12-4317 Streptavidin-PE (Phycoerythrin)
Cat. 17-4317 Streptavidin Allophycocyanin (SA-APC)
Cat. 14-4714 Affinity Purified Mouse IgG1, K Isotype Control

References

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

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