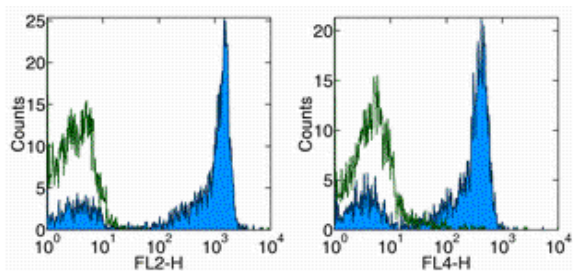


Anti-Human CD27 Purified

Catalog Number: 14-0279

Also Known As: TNFRSF7

RUO: For Research Use Only



Staining of normal human peripheral blood cells with Anti-Human CD27 PE (left) and APC (right). Appropriate isotype controls were used (open histogram). Cells in the lymphocyte population were used for analysis.

Product Information

Contents: Anti-Human CD27 Purified

REF **Catalog Number:** 14-0279

Clone: O323

Concentration: 0.5 mg/mL

Host/Isotype: Mouse IgG1, kappa

HLDA Workshop: IV T-186

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer



Temperature Limitation: Store at 2-8°C.



Batch Code: Refer to Vial



Use By: Refer to Vial



Caution, contains Azide

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.

Applications Reported

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 test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

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

Related Products

11-4011 Anti-Mouse IgG FITC

14-4714 Mouse IgG1 K Isotype Control Purified (P3.6.2.1)

16-0271 Anti-CD27 Functional Grade Purified (LG.7F9)

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