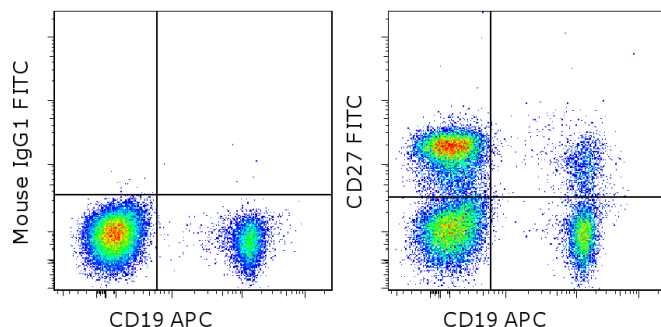


## Anti-Human CD27 FITC

**Catalog Number:** 11-0279

**Also known as:** TNFRSF7

**RUO: For Research Use Only. Not for use in diagnostic procedures.**



Staining of normal human peripheral blood cells with Anti-Human CD19 APC (cat. 17-0199) and Mouse IgG1 K Isotype Control FITC (cat. 11-4714) (left) or Anti-Human CD27 FITC (right). Cells in the lymphocyte gate were used for analysis.

### Product Information



**Contents:** Anti-Human CD27 FITC

**Catalog Number:** 11-0279

**Clone:** O323

**Concentration:** 5  $\mu$ L (1  $\mu$ g)/test

**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. Do not freeze. Light sensitive material.



**Batch Code:** Refer to vial



**Use By:** Refer to vial

### 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 pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at 5  $\mu$ L (1  $\mu$ g) per test. A test is defined as the amount ( $\mu$ g) of antibody that will stain a cell sample in a final volume of 100  $\mu$ L. Cell number should be determined empirically but can range from  $10^5$  to  $10^8$  cells/test.

### References

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

### Related Products

11-4714 Mouse IgG1 K Isotype Control FITC (P3.6.2.8.1)

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

17-0199 Anti-Human CD19 APC (HIB19)

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