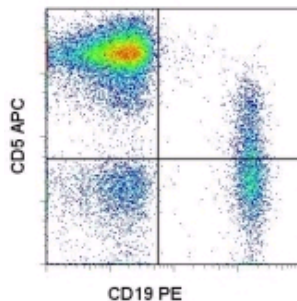


## Anti-Human CD5 APC

Catalog Number: 17-0058

Also Known As: Leu-1, T1

RUO: For Research Use Only



Staining of normal human peripheral blood cells with Anti-Human CD19 PE (cat. 12-0199) and Mouse IgG2b  $\kappa$  Isotype Control APC (cat. 17-4732) (left) or Anti-Human CD5 APC (right). Cells in the lymphocyte gate were used for analysis.

### Product Information

Contents: Anti-Human CD5 APC


**REF** Catalog Number: 17-0058

Clone: L17F12

Concentration: 5  $\mu$ l (0.03  $\mu$ g)/test

Host/Isotype: Mouse IgG2a

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.

**LOT** Batch Code: Refer to Vial

 Use By: Refer to Vial

### Description

The L17F12 monoclonal antibody reacts with human CD5, a 67 kDa protein expressed by a majority of thymocytes and mature T cells and a subset of B cells. Signaling through the CD5 molecule activates T cells and binding of CD5 to its ligand on B cells, CD72, and plays an important role in T-B interaction and proliferation.

### Applications Reported

This L17F12 antibody has been reported for use in flow cytometric analysis.

### Applications Tested

This L17F12 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5  $\mu$ l (0.03  $\mu$ g)/per test. A test is defined as the amount ( $\mu$ g)/test 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

Engleman E.G., Warnke R., Fox R.I., Dille J., Benike C.J., Levy R.. Studies of a human T lymphocyte antigen recognized by a monoclonal antibody. *Immunol.* 1981 Mar.;78(3):1791-5.

### Related Products

17-4732 Mouse IgG2b K Isotype Control APC

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