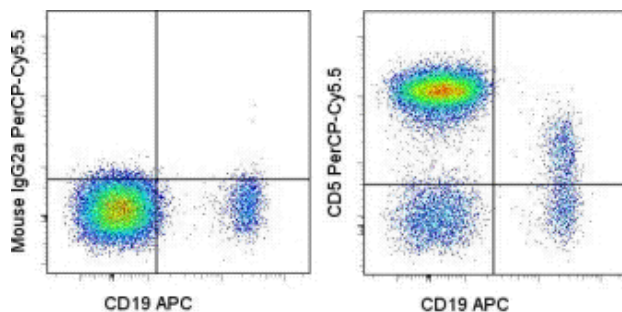


## Anti-Human CD5 PerCP-Cyanine5.5

**Catalog Number:** 45-0058

**Also Known As:** Leu-1, T1

**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 IgG2a kappa Isotype Control PerCP-Cyanine5.5 (cat. 45-4724) (left) or Anti-Human CD5 PerCP-Cyanine5.5 (right). Cells in the lymphocyte gate were used for analysis.

### Product Information

**Contents:** Anti-Human CD5 PerCP-Cyanine5.5

**REF** **Catalog Number:** 45-0058

**Clone:** L17F12

**Concentration:** 5 µL (0.06 µg)

**Host/Isotype:** Mouse IgG2a, kappa

**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



**Contains sodium azide**

### 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 µL (0.06 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 10<sup>5</sup> to 10<sup>8</sup> 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

17-0199 Anti-Human CD19 APC (HIB19)

45-4724 Mouse IgG2a K Isotype Control PerCP-Cyanine5.5

### Legal

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