

Datasheet for ABIN7278449
anti-CD5 antibody (PerCP-Cy5.5)



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Overview

Quantity:	100 tests
Target:	CD5
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD5 antibody is conjugated to PerCP-Cy5.5
Application:	Flow Cytometry (FACS)

Product Details

Clone:	L17F12
Isotype:	IgG2a kappa
Purification:	This monoclonal antibody was purified from tissue culture supernatant via affinity chromatography. The purified antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation. It is recommended to store the product undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.

Target Details

Target:	CD5
Alternative Name:	CD5 (CD5 Products)
Background:	The L17F12 antibody is specific for human CD5, a 67 kD transmembrane glycoprotein that is expressed on most thymocytes, mature T cells, and a subset of B cells. CD5 is a member of the

Target Details

scavenger receptor superfamily and is present on approximately 70 % of normal peripheral blood lymphocytes. CD5 is involved in modulating antigen receptor signaling in both T and B cells and acts through binding of CD72, its receptor expressed on B cells.

Gene ID: 921

UniProt: [P06127](#)

Application Details

Application Notes: This antibody preparation has been pre-titrated and quality-tested for flow cytometry using an appropriate cell type. The antibody has been diluted for use at 5 µL per test, defined as the amount of antibody that will stain a cell sample in a final volume of approximately 100 µL. The number of cells within a sample should be determined empirically, but typically ranges between 1x10⁵ to 1x10⁸ cells.

Comment: 5 µL (0.06 µg)/test

Restrictions: For Research Use only

Handling

Buffer: 10 mM NaH₂PO₄, 150 mM NaCl, 0.09 % Sodium azide, 0.1 % gelatin, pH 7.2

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: 2-8°C protected from light

Expiry Date: 12 months