

Datasheet for ABIN7457616 **anti-CD5 antibody (PE-Cy7)**



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Overview

Quantity:	25 µg
Target:	CD5
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This CD5 antibody is conjugated to PE-Cy7
Application:	Flow Cytometry (FACS)

Product Details

Clone:	53-7-3
Isotype:	IgG2a, kappa

Target Details

Target:	CD5
Alternative Name:	CD5 (CD5 Products)
Background:	Ly-1,Lyt-1,Lymphocyte antigen 1,CD5,Cd5,CD5 is a 67 kD protein, also known as Lyt-1, Ly-1, T1, Tp67, or Ly-12. It is a member of the scavenger receptor cysteine-rich protein superfamily (SRCR) and primarily expressed on thymocytes, T cells, and B-1 cells. Although mature α/β T cells express high levels of CD5, very few γ/δ T cells express this antigen. The interaction of CD5 with CD72, gp35-37, TCR, or BCR is involved in T and B cell activation.
Gene ID:	12507

Target Details

UniProt: [P13379](#)

Application Details

Application Notes: Check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10⁶ cells in 100 µL volume].

Comment: Matching Isotype Control: PE/Cyanine7 Rat IgG2a, κ Isotype Control (ABIN7469844)

Restrictions: For Research Use only

Handling

Concentration: 0.2 mg/mL

Buffer: PBS with 0.05 % Proclin300, 1 % BSA

Preservative: ProClin

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

Storage: 4 °C

Storage Comment: Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.