

Datasheet for ABIN7278051
anti-CD5 antibody (APC-Cy7)



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1 Image

Overview

Quantity:	100 µg
Target:	CD5
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This CD5 antibody is conjugated to APC-Cy7
Application:	Flow Cytometry (FACS)

Product Details

Clone:	53-7-3
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 53-7.3 monoclonal antibody is specific for mouse CD5, a 67 kDa protein that is expressed on most thymocytes, mature T cells and the B-1 subset of B cells. CD5 is a member of the

Target Details

scavenger receptor cysteine-rich protein superfamily and is a ligand for the C-type lectin CD72. CD5 is also known as Leu-1 and functions to modulate antigen receptor signaling on T and B cells.

Gene ID: 12507

UniProt: [P13379](#)

Application Details

Application Notes: This antibody preparation has been quality-tested for flow cytometry using mouse spleen cells, or an appropriate cell type (where indicated). Please refer to the figure legend for the optimal concentration used to stain the tissue shown. We recommend titrating the antibody under your specific conditions to determine the optimal concentration of antibody needed in your experimental system.

Comment: 0.2 mg/mL

Restrictions: For Research Use only

Handling

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

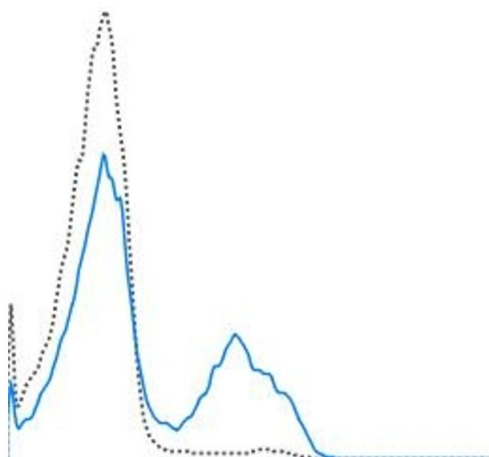
Preservative: Sodium azide

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



Flow Cytometry

Image 1. C57Bl/6 splenocytes were stained with 0.25 µg APC Anti-Mouse CD5 (ABIN6961290) (solid line) or 0.25 µg APC Rat IgG2a isotype control (dashed line).