

Datasheet for ABIN7456690 **anti-CD5 antibody (Biotin)**



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Overview

Quantity:	25 µg
Target:	CD5
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This CD5 antibody is conjugated to Biotin
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:	For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
Comment:	Matching Isotype Control: Biotin Rat IgG2a, κ Isotype Control (ABIN7469838)
Restrictions:	For Research Use only

Handling

Concentration:	0.5 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. Do not freeze.