

ARG21989
anti-CD5 antibody [53-7.3] (Biotin)Package: 100 µg
Store at: 4°C

Summary

Product Description	Biotin-conjugated Rat Monoclonal antibody [53-7.3] recognizes CD5
Tested Reactivity	Ms
Tested Application	BL, ELISA, FACS, IHC-Fr
Specificity	Mouse CD5
Host	Rat
Clonality	Monoclonal
Clone	53-7.3
Isotype	IgG2a, kappa
Target Name	CD5
Species	Mouse
Immunogen	Mouse Spleen cells or thymocyte membranes
Conjugation	Biotin
Alternate Names	CD antigen CD5; Lymphocyte antigen T1/Leu-1; LEU1; T-cell surface glycoprotein CD5; T1

Application Instructions

Application table	Application	Dilution
	BL	Assay-dependent
	ELISA	Assay-dependent
	FACS	< 1 µg/10 ⁶ cells
	IHC-Fr	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Buffer	PBS and 0.1% Sodium azide.
Preservative	0.1% Sodium azide
Concentration	0.5 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

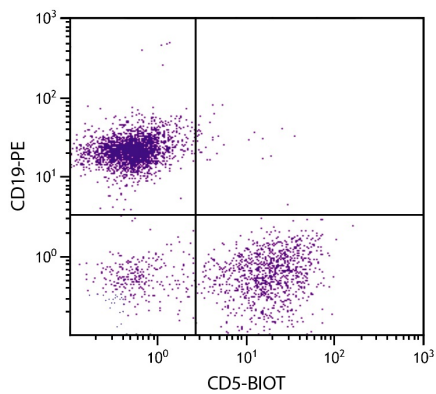
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 12507 Mouse Swiss-port # P13379 Mouse
Gene Symbol	CD5
Gene Full Name	CD5 antigen
Function	May act as a receptor in regulating T-cell proliferation. [UniProt]
Calculated Mw	55 kDa
PTM	Phosphorylated on tyrosine residues by LYN; this creates binding sites for PTPN6/SHP-1.

Images



ARG21989 anti-CD5 antibody [53-7.3] (Biotin) FACS image

Flow Cytometry: BALB/c Mouse splenocytes stained with [ARG21989](#) anti-CD5 antibody [53-7.3] (Biotin) and [ARG20852](#) anti-CD19 antibody [6D5] (PE).