

## ARG21991 anti-CD5 antibody [53-7.3] (APC)

Package: 50 µg  
Store at: 4°C

### Summary

Product Description	APC-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	APC
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	< 0.1 µg/10 <sup>6</sup> 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

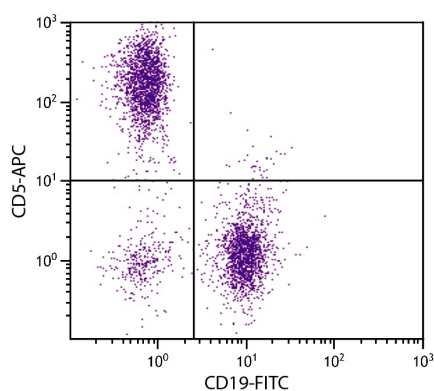
Form	Liquid
Buffer	PBS, 0.1% Sodium azide and Sucrose.
Preservative	0.1% Sodium azide
Stabilizer	Sucrose
Concentration	0.1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior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

## Bioinformation

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Database links	<a href="#">GeneID: 12507 Mouse</a> <a href="#">Swiss-port # P13379 Mouse</a>
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



ARG21991 anti-CD5 antibody [53-7.3] (APC) FACS image

Flow Cytometry: BALB/c Mouse splenocytes stained with ARG21991 anti-CD5 antibody [53-7.3] (APC) and ARG20850 anti-CD19 antibody [6D5] (FITC).