

## ARG21987 anti-CD5 antibody [53-7.3]

Package: 250 µg  
Store at: -20°C

### Summary

Product Description	Rat Monoclonal antibody [53-7.3] recognizes CD5
Tested Reactivity	Ms
Tested Application	BL, ELISA, FACS, IHC-Fr, IP
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	Un-conjugated
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 <sup>6</sup> cells
	IHC-Fr	Assay-dependent
	IP	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	BBS (pH 8.2)
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. 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	<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.