

Summary

## ARG23059 anti-CD5 antibody [OX-19] (FITC)

Package: 50 μg Store at: 4°C

Product Description	FITC-conjugated Mouse Monoclonal antibody [OX-19] recognizes CD5 Mouse anti Rat CD5 antibody, clone OX-19 recognizes the rat CD5 cell surface antigen, a 69kD glycoprotein expressed by T cells, thymocytes and a subset of B cells. Mouse anti Rat CD5 antibody, clone OX-19 has been reported as being suitable for use on periodate-lysine paraformaldehyde (PLP) fixed paraffin embedded tissue (Whiteland et al. 1995). Mouse anti Rat CD5 antibody, clone OX-19 is routinely tested in flow cytometry on rat splenocytes.
Tested Reactivity	Rat
Tested Application	FACS
Host	Mouse
Clonality	Monoclonal
Clone	OX-19
Isotype	lgG1
Target Name	CD5
Species	Rat
Immunogen	Rat thymocyte glycoproteins.
Conjugation	FITC
Alternate Names	CD antigen CD5; Lymphocyte antigen T1/Leu-1; LEU1; T-cell surface glycoprotein CD5; T1

# **Application Instructions**

Application table	Application	Dilution
	FACS	1:25 - 1:100
Application Note	1 00	d working dilution to label 10^6 cells in 100 μl. ended starting dilutions and the optimal dilutions or concentrations entist.

### **Properties**

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.09% Sodium azide and 1% BSA
Preservative	0.09% Sodium azide
Stabilizer	1% BSA
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.

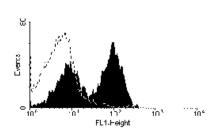
For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Note

Gene Symbol	Cd5
Gene Full Name	Cd5 molecule
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



#### ARG23059 anti-CD5 antibody [OX-19] (FITC) FACS image

Flow Cytometry: Rat splenocytes stained with ARG23059 anti-CD5 antibody [OX-19] (FITC).