

ARG23060 anti-CD5 antibody [OX-19]

Package: 100 µg
Store at: -20°C

Summary

Product Description	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, IHC-Fr, IHC-P, IP
Host	Mouse
Clonality	Monoclonal
Clone	OX-19
Isotype	IgG1
Target Name	CD5
Species	Rat
Immunogen	Rat thymocyte glycoproteins.
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
	FACS	1:25 - 1:100
	IHC-Fr	Assay-dependent
	IHC-P	Assay-dependent
	IP	Assay-dependent
Application Note	IHC-P: PLP fixation is recommended for optimal results. FACS: Use 10 µl of the suggested working dilution to label 10 ⁶ cells in 100 µl. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS and 0.09% Sodium azide
Preservative	0.09% Sodium azide

Concentration	1 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 or below. 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

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.