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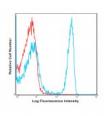
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CD4 Antibody [OKT4] (PerCP-Cy5.5)

CATALOG NUMBER: 76-329

BACKGROUND:



Human peripheral blood lymphocytes were stained with PerCP-Cy5.5 OKT4 with relevant isotype control in Red.

Human FESTED APPLICATIONS: FACS JESER NOTE: Optimal dilutions for each application to be determined by the researcher. The OKT4 monoclonal antibody specifically binds to the CD4 receptor for the human immunodeficiency virus (HIV). Mouse Properties PURIFICATION: The monoclonal antibody was purified utilizing affinity chromatography and unreacted dye was removed from the product. PHYSICAL STATE: liquid Physical STATE: Phosphate-buffered aqueous solution, ≤0.09% Sodium azide, may contain carrier protein/stabilizer, ph7.2. CONCENTRATION: 5 uL (0.25 ug) / test STORAGE CONDITIONS: The product should be stored undiluted at 4°C and should be protected from prolonged exposure to light. Do not freeze. SLONALITY: Monoclonal SCOTYPE: Mouse IgG2b, kappa CONJUGATE: PerCP-Cy5.5 Additional Info LLTERNATE NAMES: CD4mut, CD4 PEFICIAL SYMBOL: CD4 SERIE ID: 920		
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Mouse IgG2b, kappa PerCP-Cy5.5 Additional Info ALTERNATE NAMES: CD4mut, CD4 DEFICIAL SYMBOL: CD4 SENE ID: 920	STORAGE CONDITIONS:	
Additional Info ALTERNATE NAMES: CD4mut, CD4 DFFICIAL SYMBOL: CD4 GENE ID: 920	CLONALITY:	Monoclonal
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ALTERNATE NAMES: CD4mut, CD4 OFFICIAL SYMBOL: CD4 GENE ID: 920	CONJUGATE:	PerCP-Cy5.5
OFFICIAL SYMBOL: CD4 GENE ID: 920	Additional Info	
SENE ID: 920	ALTERNATE NAMES:	CD4mut, CD4
	OFFICIAL SYMBOL:	CD4
Background	GENE ID:	920
	Background	

The OKT4 monoclonal antibody specifically binds to the CD4 receptor for the human immunodeficiency virus (HIV). CD4 is a 59 kDa single-chain transmembrane glycoprotein that expressed on the surface of most of the

	thymocytes, T-helper cells, and in low levels on monocytes and macrophages. CD4 is a co-receptor in the antigen-induced T cell activation (together with the MHC class II). The OKT4 and the RPA-T4 monoclonal antibodies recognize different epitopes of CD4 and they do not exhibit cross-block binding.
REFERENCES:	1) Reinherz, E. L., Kung, P. C., Goldstein, G., Schlossman, S. F. (1979). Separation of functional subsets of human T cells by a monoclonal antibody. Proceedings of the National Academy of Sciences, 76(8), 4061-4065.
	2) Knapp W(1989) Leucocyte typing IV: white cell differentiation antigens. Oxford University Press, 1989.
	3) Bour, S. T. E. P. H. A. N. E., Boulerice, F. R. A. N. C. O. I. S., Wainberg, M. A. (1991). Inhibition of gp160 and CD4 maturation in U937 cells after both defective and productive infections by human immunodeficiency virus type 1.Journal of virology,65(12), 6387-6396.

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