



CD23

Product: Anti-human CD23 receptor Monoclonal Antibody.

Description: CD23 antigen is an integral membrane glycoprotein, Mr. 45 kdaltons. The CD23 antigen is present on approximately all pre-B lymphocytes, plasma cells CD25 positive Ki-1 cells and HLA-DR. CD23 antigen is also expressed on Lymphoma, T Cell Lymphomas and B-CLLs. CD23 antigen is present on Hodgkin's and Reed Sternberg cells).

Isotype: Mouse IgG1 kappa.

Clone: LVNC-4

Applications: Monitoring of T cell subsets in peripheral blood; Characterization of subtypes of T cell leukemia's and lymphomas; Studies of AIDS infection; Study of T lymphocyte cytokine function; Study of cell mediated cytotoxicity; Analysis of B subsets; Study of B cell neoplasms; Study of B cell differentiation

Use: PBMC: Add 10 μ l of MAB/ 10^6 PBMC in 100 μ l PBS. Mix gently and incubate for 15 minutes at 20 to 8°C. Wash twice with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze. **WHOLE BLOOD:** Add 10 μ l of MAB/100 μ l of whole blood. Mix gently and incubate for 15 minutes at room temperature (20°C). Lyse the whole blood. Wash once with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze. See instrument manufacturer's instructions for Lysed Whole Blood and Immunofluorescence analysis with a flow cytometer or microscope.

Storage: Conjugated antibodies are supplied in PBS, 0.08% sodium azide and 0.2% protein carrier and should be stored at 4-8°C. Conjugated antibodies should not be frozen. Reagents are stable for the period shown on the vial label when stored properly.

Ordering Information:	Form	Vial Size	Catalog #
	Pure	100 μ g	0231
	FITC	100 Test	0232
	RPE	100 Test	0234

REFERENCES:

1. CD23: a multi-lineage cell activation molecule with a split personality. Int J Clin Lab Res 1992; 22(2):73-80 Malavasi F; Funaro A; Alessio M; DeMonte LB; Ausiello CM; Dianzani U; Lanza F; Magrini E; Momo M; Roggero S
2. Eleven lymphoid phenotypic markers in HIV infection: selective changes induced by zidovudine treatment. J Acquir Immune Defic Syndr 1992;5(9):890-7 Bass HZ; Hardy WD; Mitsuyasu RT; Wang YX; Cumberland W; Fahey JL
3. Three-color cytofluorometric analysis of CD8 cell subsets in HIV-1 infection. J Acquir Immune Defic Syndr 1991;4(12):1227-32 Prince HE; Jensen ER

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