



Sanquin

PeliCluster

CD5

Specification sheet

Art.no	M1310
Test/vial	200
Clone	CLB-T1/1, 1C12
	This clone has been derived from hybridization of SP2/0 cells with spleen cells of a BALB/c mouse immunized with cells of a patient with Sézary Syndrome. This antibody was submitted to CD5 in the third International Workshop on Human Leukocyte Differentiation Antigens.
Isotype	Mouse IgG1
Source	Ascites fluid of tumour bearing BALB/c mice.
Purification	Ammoniumsulphate precipitation and ion exchange chromatography.
Packing	Each vial contains 1 ml with approximately 0.2 mg/ml monoclonal antibody and 10 mg BSA in 20 mM TRIS and 150 mM NaCl, pH 8.0.
Preservative	Sodium azide (0.1%)
Storage and stability	Monoclonal antibodies should be stored at 2-8°C. The reagent is stable until the expiry date stated on the vial label.
Major reactivity	<p>The monoclonal antibody is directed against the CD5 antigen (T1-antigen), which is expressed on human T lymphocytes, mature T cells and a subset of B cells.</p> <p>The monoclonal antibody reacts with 90% of human peripheral T lymphocytes, medullary thymocytes as well as with lymphocytes of patients with chronic B cell derived leukaemia.</p> <p>The antibody does not react with normal B cells, monocytes, granulocytes and platelets.</p>
Molecular mass	67 kDa.
Application	Monitoring of T cell numbers in peripheral blood. Identification of T cells in tissue.
Methods	Indirect immunofluorescence staining with analysis by flow cytometry or fluorescence microscopy.