PeliCluster CD3

Specification sheet

Art.no	M1306
Test/vial	200
Clone	CLB-T3/2, 16A9 This clone has been derived from hybridization of SP2/0 cells with spleen cells of a (BALB/c x A/J) mouse immunized with human T lymphocytes. This antibody meets the specification for CD3 of the International Workshop on Human Leukocyte Differentiation Antigens.
Isotype	Mouse, IgG2a.
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 (NaN_3), 0,1% (w/v).
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	The monoclonal antibody is directed against the CD3 antigen (T3 antigen), which is expressed on human T lymphocytes. The monoclonal antibody reacts with 80 - 90% human peripheral T lymphocytes and medullary thymocytes.Also mature T cells (membrane) and immature T cells (cytoplasmic). The monoclonal antibody does not react with B cells, monocytes, granulocytes and platelets.
Molecular mass	20, 25, 28 kD.
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. (see AZ_CDO.pdf)

Reagents
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