



Sanquin

PeliCluster

HLA-DR

Specification sheet

Art.no M1338

Test/vial 200

Clone CLB-HLA-DR, 1E5

This clone has been derived from hybridization of SP2/0 cells with spleen cells of a (BALB/c x A/J) mouse immunized with cells of a patient with Acute Lymphocytic Leukaemia of the c-ALL type. The antibody was submitted to HLA-Dr in the Fourth International Workshop on Human Leukocyte Differentiation Antigens.

Isotype Mouse, IgG1

Source Ascites.

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 Merthiolate (0.001 %).

Storage and stability Monoclonal antibodies should be stored in the dark 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 HLA-Dr-antigen of human B lymphocytes. The antibody reacts with the cells of the monocytic lineage, with myeloblasts and promyelocytes and the cells of B lymphocyte lineage. Polymorphonuclear leukocytes and platelets are found negative.

Molecular mass 29, 34 kDa.

Application Enumeration of B cells and monocytes in peripheral blood. Identification and localization of B cells and monocytes in tissue sections for further studies.

Methods Indirect immunofluorescence staining with analysis by flow cytometry or fluorescence microscopy.