



Sanquin

PeliCluster

CD8

Specification sheet

Art.no M1312

Test/vial 200

Clone CLB-T8/4, 4H8

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 CD8 of the International Workshop on Human Leukocyte Differentiation Antigens.

Isotype Mouse, IgG2b.

Source Ascites fluid of tumour bearing BALB/c mice.

Purification Ammoniumsulphate precipitation and affinity 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 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 CD8 antigen (T8 antigen), which is expressed on cytotoxic/suppressor T cells, subset of cortical thymocytes and subpopulation of NK cells. The monoclonal antibody reacts with 20 - 30% of human peripheral T lymphocytes. The monoclonal antibody does not react with B cells, monocytes, granulocytes and platelets.

Molecular mass 30 kDa.

Application Analysing 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)