

HLA-DR+DP, MHC CLASS II, clone HL-40 Monoclonal Antibody

Catalog No.: MON1083

Quantity: 1 ml

Specificity

The antibody binds to a common monomorphic determinant of the light chain of HLA-DR and HLA-DP antigens. The antibody reacts also with Porcine MHC Class II antigens, SLA-D gene products.

Immunoglobulin type

Murine IgG_{2a}

Use

The antibody is useful for detection of HLA-DR and HLA-DP positive B-cells, T-cells and monocytes in cell suspensions, in frozen sections as well as in formalin fixed paraffin embedded tissue sections. The antibody is also useful for characterization of leukemias and lymphomas. In experimental settings it can be used for selective removal of antigen carrying cells by complement mediated cytotoxicity. The antibody has excellent staining properties in histology.

Instructions for use

The antibody can be used for immunofluorescence and immunohistochemistry on cell suspensions as well as on frozen sections and formalin fixed paraffin embedded tissue sections. Furthermore the antibody is useful for selective depletion of cells with complement cytotoxicity.

Presentation

1 ml diluted ascites with 0.1% sodium azide. Sufficient for 100 tests.

Literature

- Horejsí, V., et al., 1986, Tissue Antigens 28, 288.
- Momburg, F., et al., 1987, Internat. J. Cancer 40, 598-603.

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