

CD20, Mature B-cell, clone MEM-97 Monoclonal Antibody

Catalog No.: MON1111

Quantity: 1 ml

Specificity

The antibody reacts with a 35 kD phosphoprotein specific for the CD20 antigen. The specificity was confirmed by reactivity with CD20 cDNA transfected cells, immunoprecipitation and competition studies with other CD20 antibodies. CD20 is present on all normal B-cells in peripheral blood, lymph nodes, spleen, tonsils and bone marrow. The antigen is also present on most B-cell lines and on non-TALL and CLL-cells.

Immunoglobulin type

Murine IgG₁

Use

This antibody can be used for:

- Quantitative determination of CD20⁺ B-cell populations in blood by immunofluorescence microscopy and by cytofluorometry.
- Identification of CD20⁺ cells in frozen tissue sections.

Instructions for use

This antibody can be used for immunofluorescence of cells in suspension both by microscopy and flow cytometry. It is also useful for staining of frozen sections by indirect fluorescence or by immunochemical techniques. Depending on the technique to be used a working dilution has to be tested beforehand, a dilution of 1:10 is advised.

Presentation

1 ml PBS-diluted ascites with 0.1% sodium azide. Sufficient for staining of 100 cell preparations for immunofluorescence.

Literature

- Schlossman S.F., 1995, Leucocyte typing V, Oxford Univ. Press, workshop nr. CD20.9

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