

CD4, Helper T-cell, clone MEM-115 Monoclonal Antibody

Catalog No.: MON1100

Quantity: 1 ml

Specificity

The antibody reacts with a 59 kD glycoprotein specific for the CD4 antigen, which functions as a receptor for MHC class II and for HIV. The antigen is characteristic for helper T-cells. The specificity was confirmed by testing with CD4 cDNA transfected cells, with purified CD4 antigen and competition studies with other CD4 antibodies.

Immunoglobulin type

murine IgG_{2a}

Use

This antibody can be used for:

- Quantitative determination of CD4⁺ T-cell subpopulations in blood by immunofluorescence.
- Identification of CD4⁺ cells in frozen tissue sections.

Instructions for use

This antibody can be used for immunofluorescence of cells in suspension. It is also useful for staining of frozen sections by fluorescence or immunohistochemical techniques.

Presentation

1 ml diluted ascites in PBS with approximately 1 mg antibody/ml and 0.1% sodium azide.

Purification method: ammonium sulphate precipitation.

Literature

- Horejsí, V., et al, 1988, *Fol. Biol.* 34, 23.
- Schlossman, S.F., 1995, *Leucocyte Typing V*, Oxford Univ. Press, workshop CD04.09
- Cinek, T., et al., 1994, *Immunogenetics* 41, 110.

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