

CD8, clone MEM-31 Monoclonal Antibody

Catalog No.: MON 1102

Quantity: 100 µg

Specificity

The antibody is directed to the human CD8 alpha determinant, a 32 kD glycoprotein, which is present on a subpopulation of T-cells and on NK-cells. The molecule is involved in T-cell activation and in interactions with MHC Class I antigens on target cells.

Immunoglobulin type

murine IgG_{2a}

Use

The antibody which has a specificity similar to OKT8 or anti-Leu-2, can be used for immunoisolation and detection by immunofluorescence and immunohistochemistry for the CD8 carrying suppressor/cytotoxic T-lymphocytes.

Instructions for use

The antigen is destroyed by glutaraldehyde fixation. Depending on the technique to be used a working dilution has to be tested beforehand, a dilution of 1:10 is advised.

See further instructions for use A and G.

Presentation

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

Literature

- Leucocyte Typing III, ed. A.J. McMichael et al., Oxford Univ. Press, Oxford 1987: Workshop nr 575, reports: T4.3, T4.4.
- Horejsí, V., et al., 1986, Fol. Biol. 32, 12-25.
- Stefanová, I., and Horejsí, V., 1991, J. Immunol. 147, 1587-1592.
- Stefanová, I., et al, 1991, Science 254, 1016-1018.

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Cell Sciences, Inc.
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Web Site: www.cellsciences.com