

CD44, lymphocyte homing receptor, H-CAM, clone MEM-85 Monoclonal Antibody

Catalog No.: MON1123

Quantity: 1 ml

Specificity

The antibody reacts with an 80 kD glycoprotein, the human antigen CD44, H-CAM. The CD44 antigen is present on T-lymphocytes, granulocytes, brain, red blood cells and epithelial cell lines. The antibody reacts with the same epitope as Hermes-1 on the molecule, which is a leucocyte adhesion molecule, (hyaluronan receptor), participating at homing.

Immunoglobulin type

Murine IgG₂b

Use

The antibody is useful for detection of the human CD44 molecule.

Instructions for use

The antibody is useful for immunofluorescence tests on cells in suspension and immunohistochemistry on frozen sections. It is also successfully used for immunoblotting of the nonreduced CD44 molecule. Depending on the technique to be used a working dilution has to be tested beforehand; a dilution of about 1:10 is advised.

Presentation

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

Literature

- Stefanová, I., et al., 1989, Immunogenetics 29, 402.
- Leucocyte Typing IV, ed. W. Knapp et al., Oxford Univ. Press, Oxford 1989; Workshop nr N706. See also 1989, Tissue Antigens 33, 271.
- Bazil, V., et al., 1989, Folia Biologica 35, 289.

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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